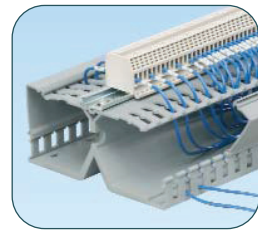
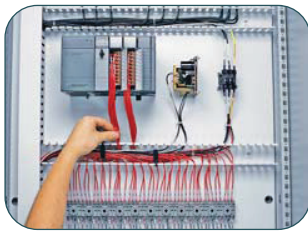
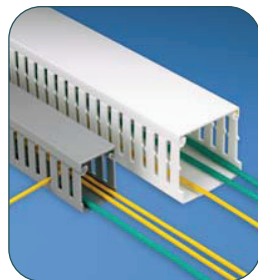
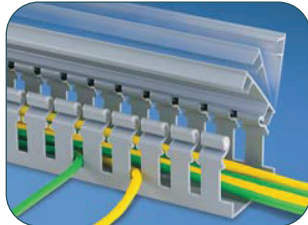
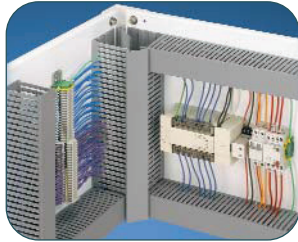


WIRING DUCT

From the smallest wall mounted panels to the largest integrated turnkey systems Panduit® Panduct® Wiring Duct is the premium wire management solution for routing and concealing wiring in electrical control panels. Panduct® Wiring Duct provide solutions for the original equipment manufacturing, transportation, contract manufacturing, maintenance and repair and communications markets. All Panduct® Wiring Duct are UL Recognized and CSA Certified and most carry the CE mark.



Some of the features and benefits found in Panduct® Wiring Duct include:

- Smooth corners and edges that will not abrade wiring or irritate hands
- Integrated nonskid liners and unique cover designs insure the duct cover will not slide once installed or during vibration
- Specially formulated lead-free PVC material meets the NFPA79: 2007 flame retardancy requirements and carries a UL 94V-0 flammability rating
- Scorelines for easy removal of duct fingers and sidewalls
- Accessories and tools that increase productivity and lower the installed cost

Panduit continues to develop new Panduct® Wiring Duct solutions to satisfy the challenges facing our customers worldwide. Maximize the utilization of enclosure space with PanelMax™ Corner Wiring Duct, DIN Rail Wiring Duct, and Noise Shield. PanelMax™ Corner Wiring Duct fits into unused space in the corner of enclosures providing up to 20% enclosure space savings*. Integrate component mounting with wire management with PanelMax™ DIN Rail Wiring Duct for up to 30% enclosure space savings. PanelMax™ Noise Shield provides noise mitigation between noisy and sensitive cabling and can reduce air space requirements within the enclosure.

*Versus panel layouts using conventional wiring duct.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
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E4.
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E5.
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B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

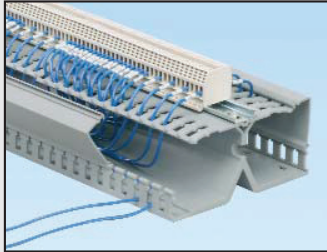
E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Wiring Duct for Control Panel Applications

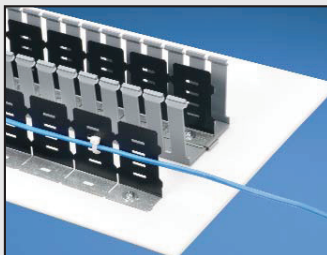


PanelMax™ DIN Rail Wiring Duct

1

Up to 30% space savings vs. conventional duct/rail layouts.

(pages C1.4 – C1.5)



PanelMax™ Noise Shield

2

Installed separately or within wiring duct.

(pages C1.6 – C1.7)

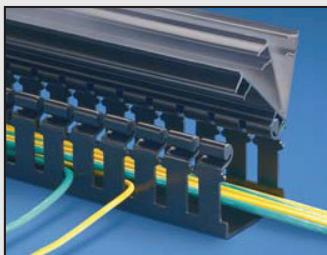


PanelMax™ Corner Wiring Duct

3

Up to 20% space savings in layouts with side and back panels

(pages C1.8 – C1.9)

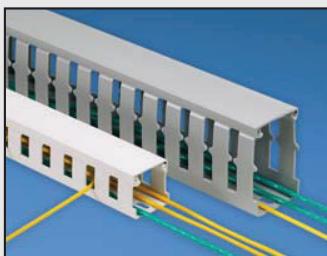


Hinged Cover Wiring Duct and Raceway

4

Wide slot, narrow slot wiring duct and solid wall raceway with hinging cover.

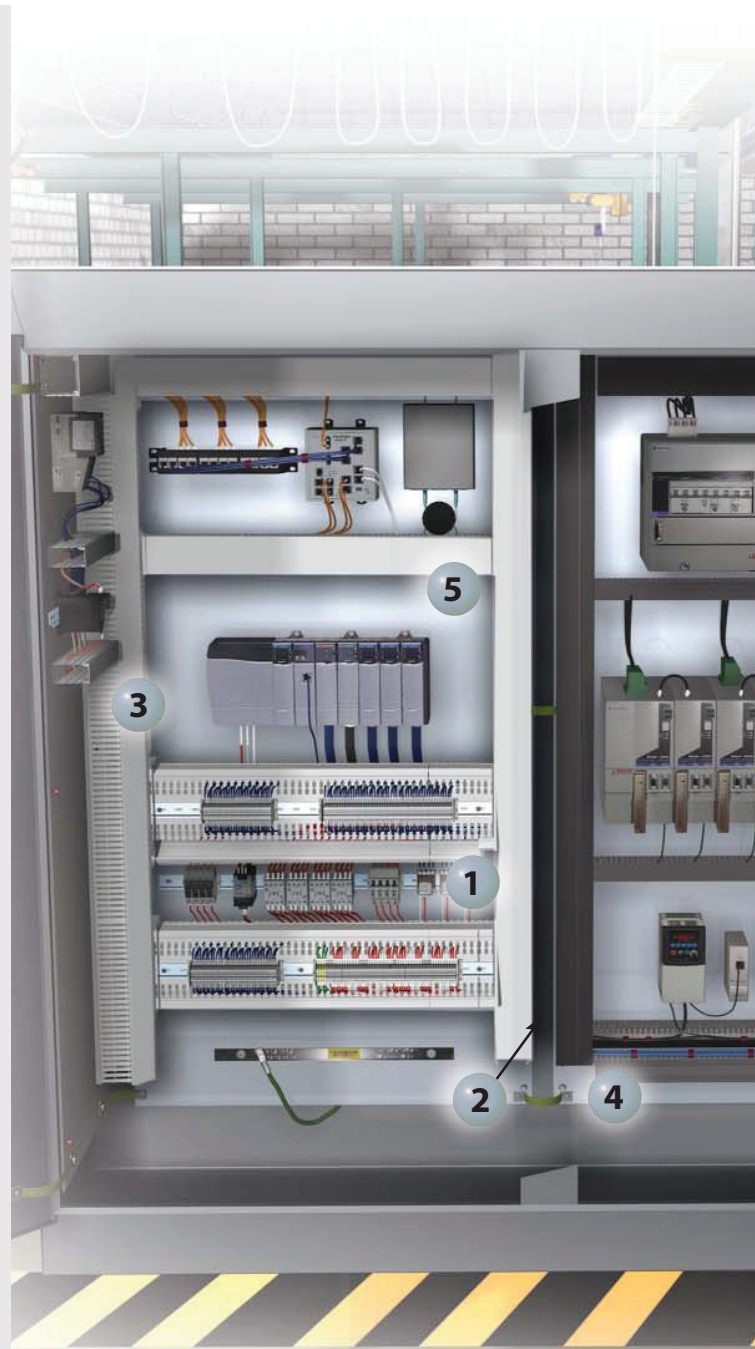
(pages C1.10 – C1.11)

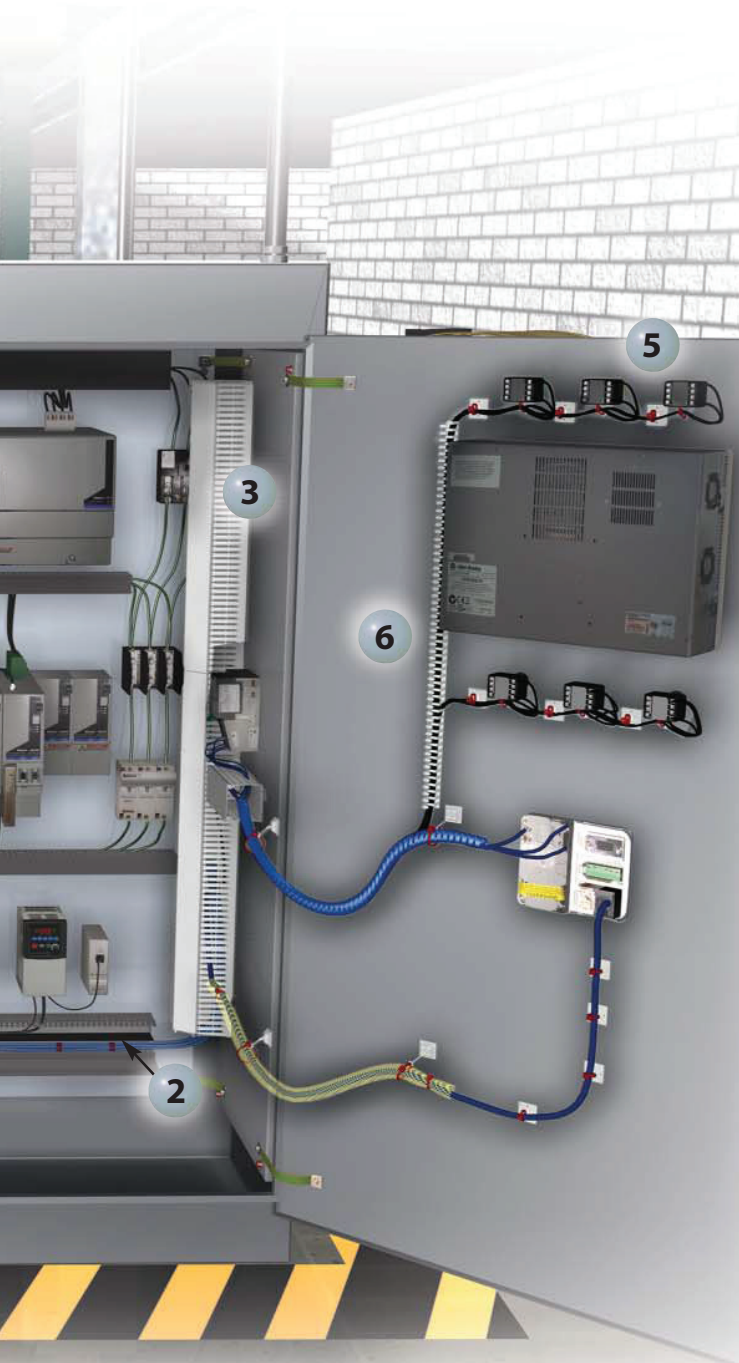


Halogen Free Wiring Duct

Up to 203°F (95°C) operating temperature.

(pages C1.22 – C1.24)





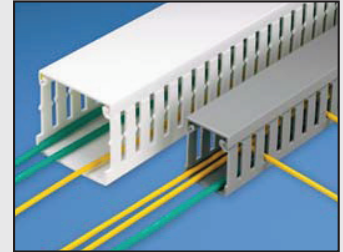
Tools and Accessories
(pages C1.25 – C1.34)

5

Type F Narrow Slot Wiring Duct

Narrow slot, narrow finger design fits the spacing of high-density terminal blocks.

(pages C1.14 – C1.15)

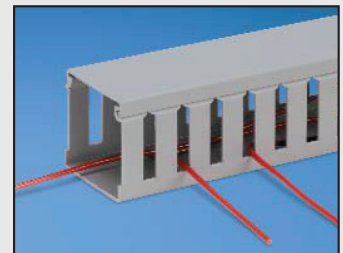


6

Type G Wide Slot Wiring Duct

Wide slot, wide finger design.

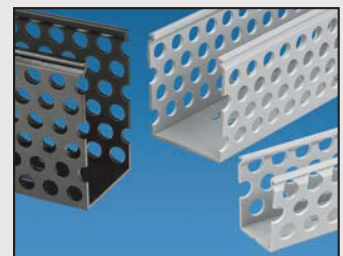
(pages C1.12 – C1.13)



Type D Round Hole Wiring Duct

Multiple rows of holes to retain and support wire of variable heights and positions.

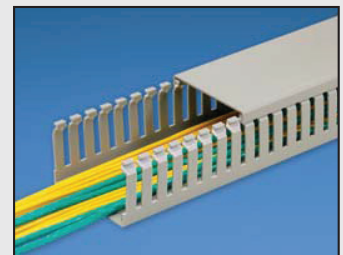
(pages C1.16 – C1.17)



Type MC Metric Wiring Duct

Narrow slot, narrow finger design with DIN 43 659 mounting holes.

(pages C1.18 – C1.19)



6

Type FL Flexible Wiring Duct

Solution for door mounted push-button wiring or tight spaces without cover access.

(page C1.26)



A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Features and Benefits – Panduit® PanelMax™ DIN Rail Wiring Duct

B1. Cable Ties

B2. Cable Accessories

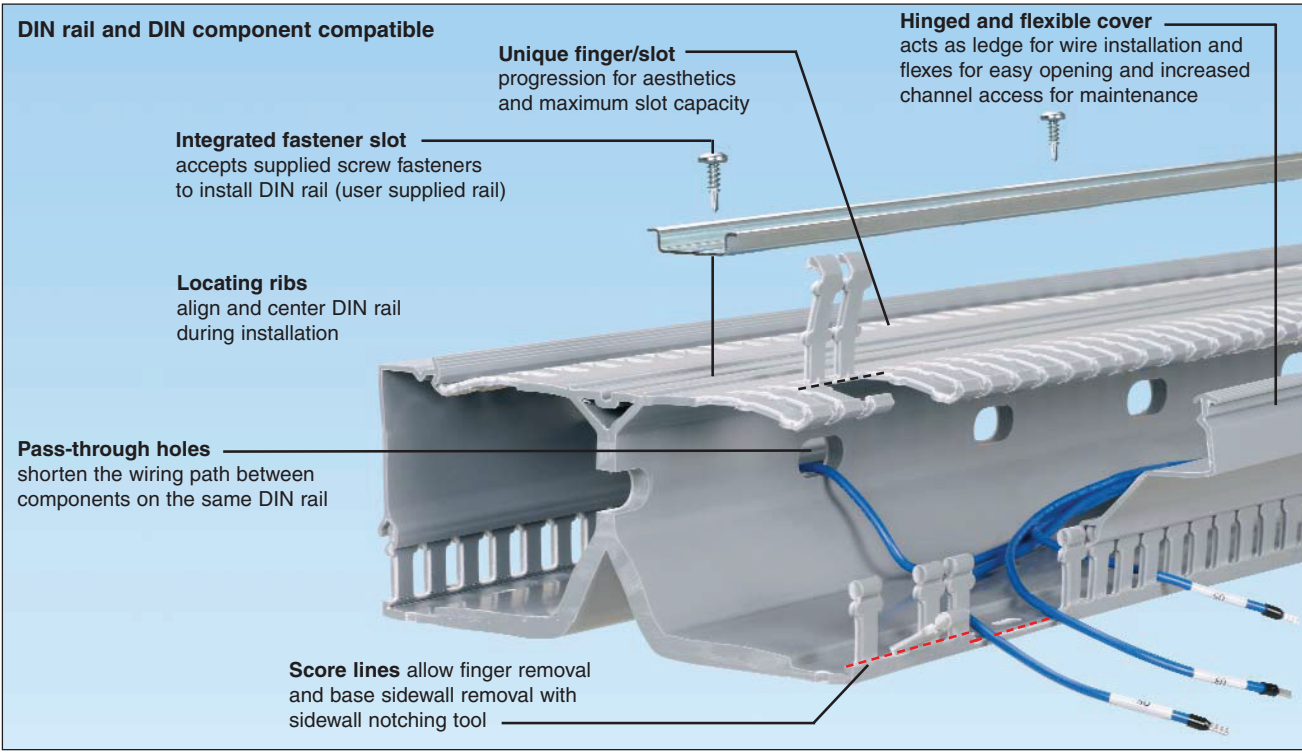
B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



D1. Terminals

Conventional Wiring Duct Panel Layout:

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

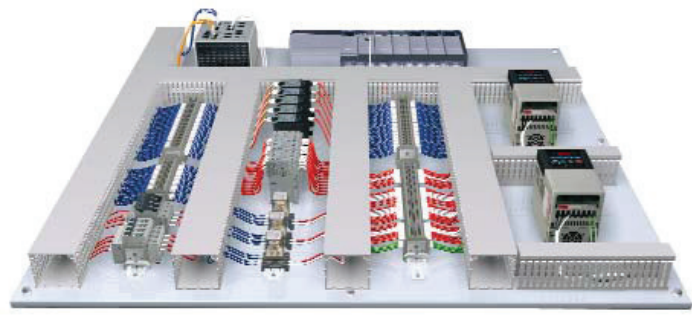
E2. Labels

E3. Pre-Printed & Write-On Markers

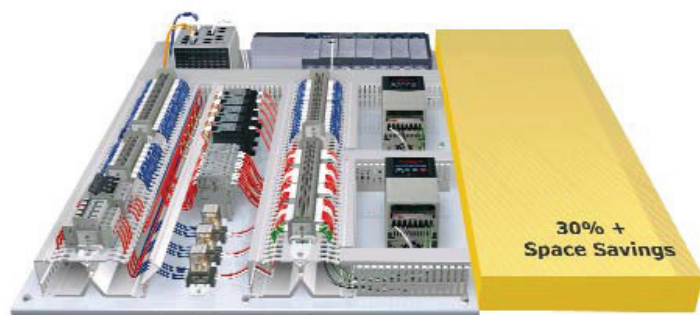
E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



DIN Rail Wiring Duct Panel Layout with 30% Space Savings:



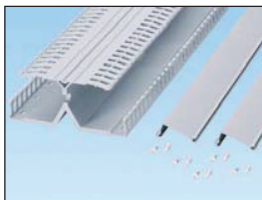
Panduit® PanelMax™ DIN Rail Wiring Duct positions DIN rail and components off the panel directly above an integrated wire management channel for a 30%+ smaller footprint to the panel layout.

cUL^{us} CE Panduct® PanelMax™ DIN Rail Wiring Duct



- Space saving design positions DIN rail and components off the panel directly above an integrated wire management channel for up to a 30% smaller footprint for duct and components; increased design flexibility and component access for easier installation and maintenance
- DIN rail and DIN component compatible with standard 35mm or 15mm rails and many DIN rail mount components for design flexibility
- Integrated DIN rail fastening slot allows the DIN rail to mount directly to product with plastic thread cutting screws for up to 40% faster duct and rail installation and reduced labor costs
- Hinged cover remains attached during maintenance and upgrades preventing lost covers, ensuring panel integrity, safety and aesthetics; L-shaped cover acts as ledge to aid wire installation for ease of use

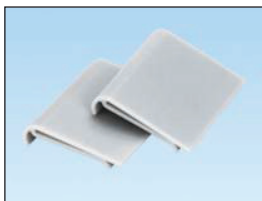
- Slotted platform (horizontal) manage the wire from channel mounted components, outer sidewall slots (vertical) manage wire from adjacent panel mounted components; unique finger and slot progression for optimal wire management and aesthetics
- Channel pass through slots allows wires to transition internally between channels to ease wire connections to either side of components mounted on the same rail minimizing wire length and reducing material cost
- Optional wire retainer accessory retains cabling with cover opened or removed easing wire installation and future wire additions



DRD



DRDWR



DRDCS

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
DRD22LG6	2" height PanelMax™ DIN Rail Wiring Duct with dual wiring channels. Base, covers and DIN rail fasteners included.	6 Ft.	6 Ft.
DRD33LG6	3" height PanelMax™ DIN Rail Wiring Duct with dual wiring channels. Base, covers and DIN rail fasteners included.	6 Ft.	6 Ft.
DRD44LG6	4" height PanelMax™ DIN Rail Wiring Duct with dual wiring channels. Base, covers and DIN rail fasteners included.	6 Ft.	6 Ft.
DRDC2LG6	2" replacement cover for PanelMax™ DIN Rail Wiring Duct.	6 Ft.	24 Ft.
DRDC3LG6	3" replacement cover for PanelMax™ DIN Rail Wiring Duct.	6 Ft.	24 Ft.
DRDC4LG6	4" replacement cover for PanelMax™ DIN Rail Wiring Duct.	6 Ft.	24 Ft.
DRDSF-C	Replacement DIN rail fasteners for PanelMax™ DIN Rail Wiring Duct.	100	—
DRDWR2-X	2" wire retainer for PanelMax™ DIN Rail Wiring Duct.	10	100
DRDWR3-X	3" wire retainer for PanelMax™ DIN Rail Wiring Duct.	10	100
DRDWR4-X	4" wire retainer for PanelMax™ DIN Rail Wiring Duct.	10	100
DRDCS2-X	2" corner strip for PanelMax™ DIN Rail Wiring Duct.	10	100
DRDCS3-X	3" corner strip for PanelMax™ DIN Rail Wiring Duct.	10	100
DRDCS4-X	4" corner strip for PanelMax™ DIN Rail Wiring Duct.	10	100

Product sold base and cover together in 6 ft. lengths. Replace LG with WH for white color.

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System
Overview

B1.
Cable
Ties

B2.
Cable
Accessories

B3.
Stainless
Steel
Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
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Tagout
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Solutions

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A. System Overview

Features and Benefits – Panduit® PanelMax™ Noise Shield

B1. Cable Ties

B2. Cable Accessories

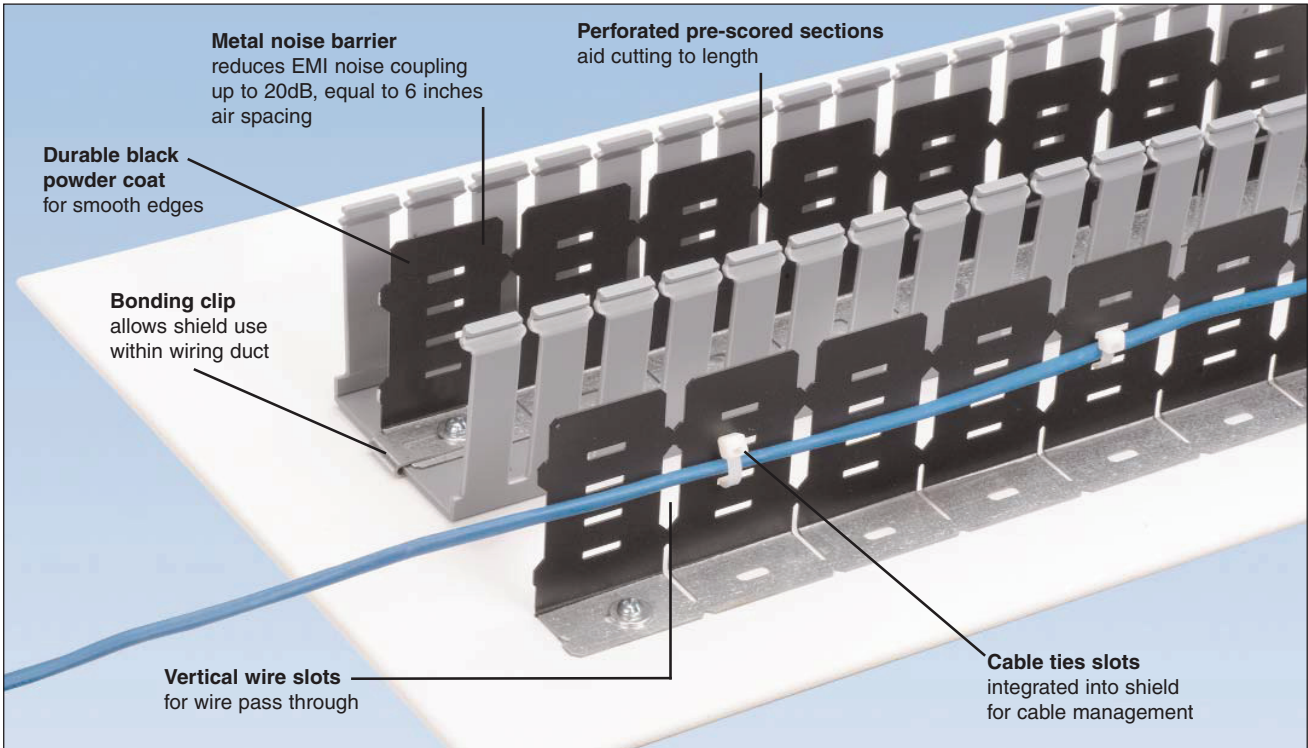
B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



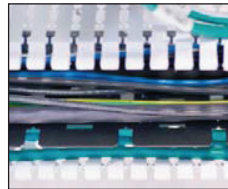
D1. Terminals

D2. Power Connectors

D3. Grounding Connectors



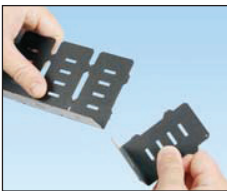
PanelMax™ Noise Shield separates drive cables and sensitive communication/signal cables within industrial control panels to reduce electromagnetic interference (EMI) while saving valuable space.



Metal noise barrier equivalent to 6 inches of air spacing between power and signal cables, saves valuable panel space.

E1. Labeling Systems

E2. Labels



Perforated and pre-scored sections make it easy to cut to length with minimal deburring required.

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

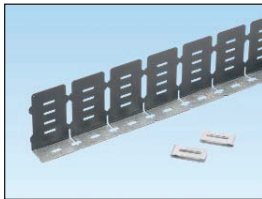
E5. Lockout/Tagout & Safety Solutions

F. Index



Panduct® PanelMax™ Noise Shield

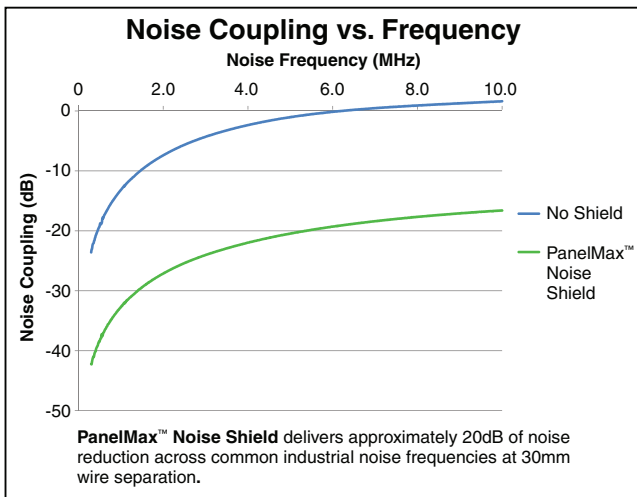
- Metal noise barrier reduces EMI noise coupling between noise emitting and sensitive cabling within a control panel; provides up to 20dB reduction in noise which is equivalent to 6 inches of air spacing
- Installs directly to metal panel surface or within 2, 3, or 4 inch height Panduit wiring duct (when shield is installed with supplied bonding clips)
- Perforated and pre-scored sections speed installation by allowing sections of the shield to be snapped off at pre-scored locations to easily cut to length with minimal deburring required
- Vertical wall slots allow wires to cross the barrier at 90° when necessary, providing greater design flexibility
- Horizontal cable tie slots allow cable bundles to be held in place using cable ties so cabling is kept near barrier for greater reliability and optimal aesthetics
- Zinc plated steel surface in contact areas with sub-panel and bonding clip ensures continuity and is corrosion resistant
- Black powder coated vertical surface for smooth edges
- Meets UL 508/508A requirements as a barrier between conductors



Part Number	Part Description	Std. Pkg. Qty.
SD2EMI	EMI Noise Shield kit for 2" height Panduit Wiring Duct; (2) three foot sections, bonding clips, and anti-oxidizing paste.	1
SD3EMI	EMI Noise Shield kit for 3" height Panduit Wiring Duct; (2) three foot sections, bonding clips, and anti-oxidizing paste.	1
SD4EMI	EMI Noise Shield kit for 4" height Panduit Wiring Duct; (2) three foot sections, bonding clips, and anti-oxidizing paste.	1

Performance Characteristics

Relative noise reduction in dB over frequency range of the PanelMax™ Noise Shield is shown below.



A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Features and Benefits – Panduit® PanelMax™ Corner Wiring Duct

B1. Cable Ties

One-piece base reduces fasteners required for minimal installation time

B2. Cable Accessories

Co-extruded hinged base sits flat for cutting and also conforms to corner for installation

B3. Stainless Steel Ties

Upper and lower scorelines allow easy finger and sidewall section removal

C1. Wiring Duct

Integral divider wall mount feature in base

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

Specially formulated **lead-free PVC** material

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

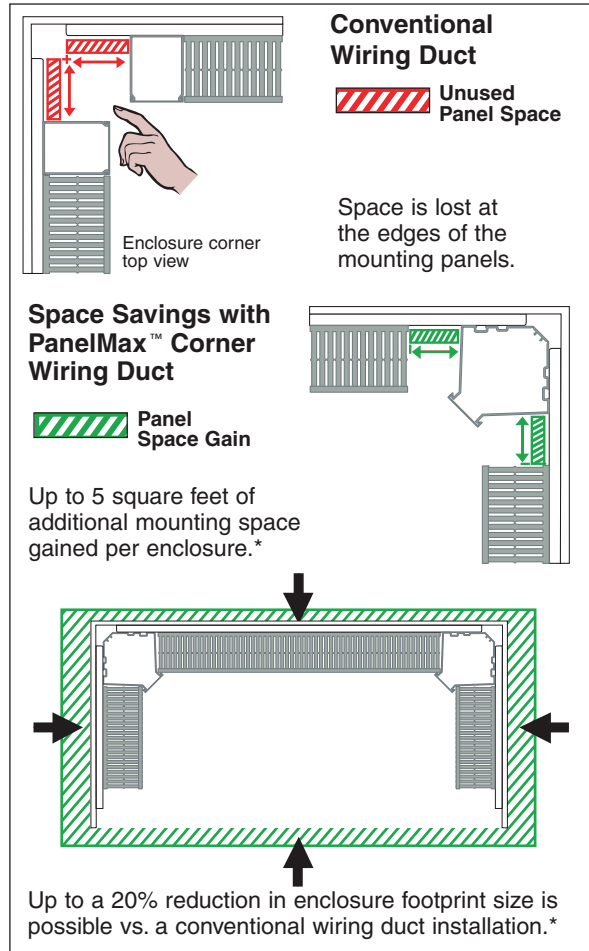
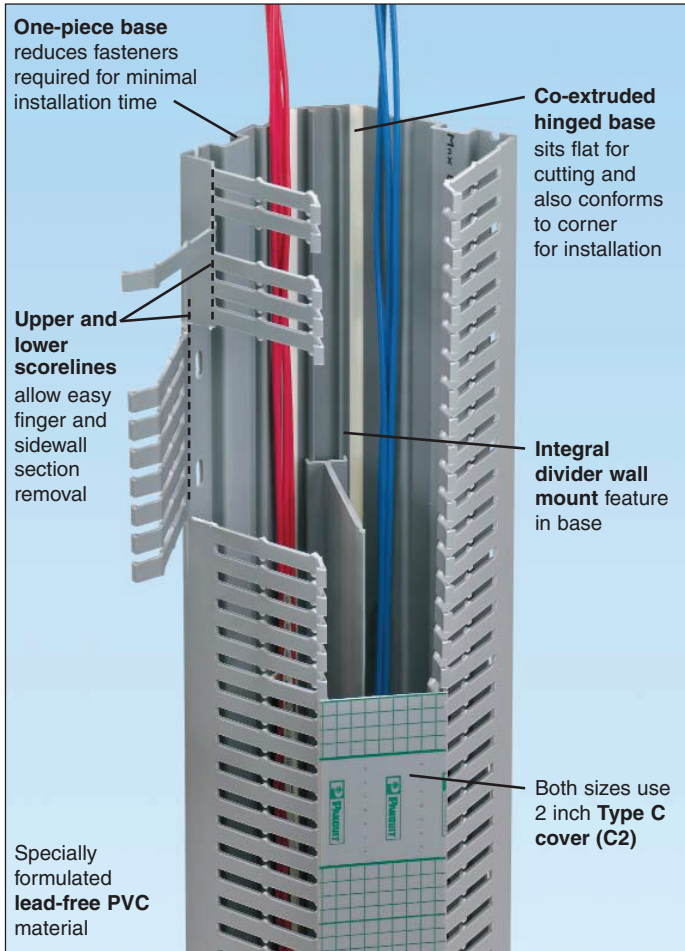
E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

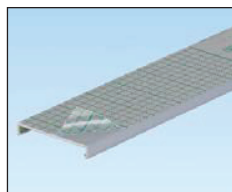
F. Index



Panduit® Nylon Rivets
Fast, lowest cost mounting method.
(see page C1.34)



Panduit® Installation Tools
Wide selection of hand tools for cutting and installing wiring duct.
(see page C1.34)



Panduit® Type C Cover with Protective Film
Reduces scrap and labor costs by protecting the surface during storage, handling, and installation.
(see page C1.9)



Panduit® Divider Wall
Creates separate wiring channels within the wiring duct base. Available in solid or slotted wall styles.
(see page C1.26)

*Actual subpanel space savings will vary depending on wiring duct size, component layout, and enclosure size and type. Footprint savings is based on commercially available enclosures and may not be achievable in some applications.

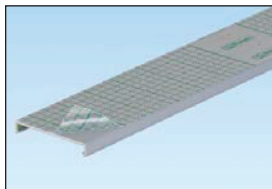
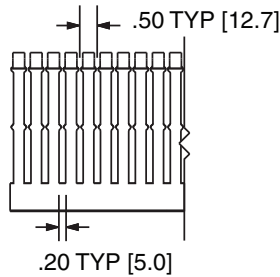
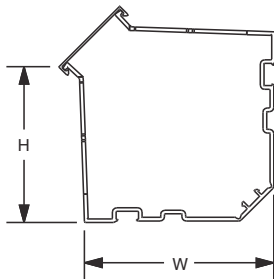
PanelMax™ Corner Wiring Duct

- Fits in the unused space in the vertical corner of enclosures, gaining sub-panel space or saving enclosure footprint area
- One-piece base requires less time to install than multi-piece solutions
- Optional quick mount clips engage anywhere along the product base further reducing assembly costs
- Panduit divider wall snaps directly to the integrated mounting feature in the channel to create two separate channels
- Compatible with Panduit 3" and 4" height wiring duct; both product sizes use standard 2 inch wiring duct cover
- Base and cover length is 6 feet.
- Base and covers sold separately

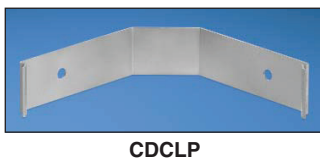


Base Part Number	Duct Size W x H (In.)	Slot Width		Cover Part Number	Std. Pkg. Qty.	Base Ctn. Qty.	Cover Ctn. Qty.
		In.	mm				
CWD3LG6	4.40 x 3.57	0.20	5.0	C2LG6	6	24	120
CWD4LG6	5.33 x 4.58	0.20	5.0	C2LG6	6	24	120
CWD3WH6	4.40 x 3.57	0.20	5.0	C2WH6	6	24	120
CWD4WH6	5.33 x 4.58	0.20	5.0	C2WH6	6	24	120

Part number shown in LG (Light Gray) color, also available in WH (White) color. Product available in 6' lengths.



To order cover with protective film add "-F" to part number. 6" cover not available with protective film.



Part Number	Part Description	Fastener Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Quick Mount Clips				
CDLB3	L-bracket with quick mounting clip for installing CWD3 to back panel only.	#10-32 x 1/4 (user supplied)	16	—
CDLB4	L-bracket with quick mounting clip for installing CWD4 to back panel only.	#10-32 x 1/4 (user supplied)	16	—
CDCLP3	Quick mounting clip for installing CWD3 corner wiring duct.	#10-32 x 1/4 (user supplied)	16	—
CDCLP4	Quick mounting clip for installing CWD4 corner wiring duct.	#10-32 x 1/4 (user supplied)	16	—

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Features and Benefits – Panduct® Type H and HN Hinged Cover Wiring Duct

B1. Cable Ties

Available in eight sizes from 1.5" x 2" up to 4" x 4" in light gray, black, and white colors.

B2. Cable Accessories

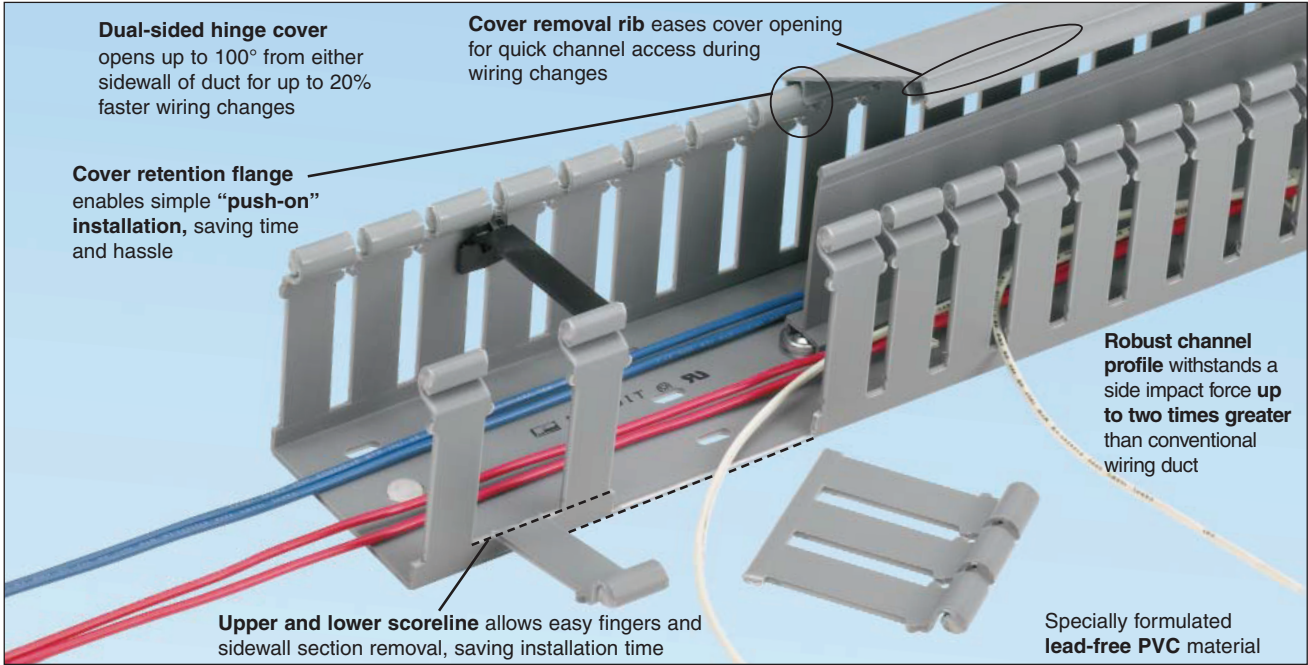
B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



D1. Terminals

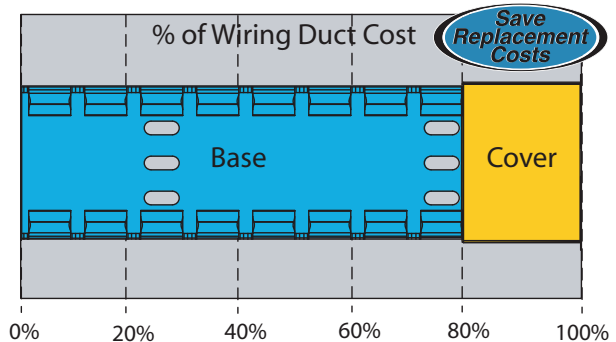
Labor Savings

- By avoiding the time and hassle in removing and replacing covers, simple wiring changes can be made up to **20% faster** compared to conventional wiring duct installations*

D2. Power Connectors

Avoid Cover Replacement Costs

- Covers represent 20% of the cost of the wiring duct purchase
- Misplaced covers are a common occurrence after years of use
- Not needing to remove covers during maintenance ensures **better aesthetics and safety and avoids the cost to replace lost covers**



E2. Labels



Panduct® Wire Retainers
Contain wiring when duct cover is opened. Wire retainers snap easily between duct fingers. (see page C1.28)



Panduct® Divider Wall
Create separate wiring channels within the wiring duct base. Available in solid or slotted wall styles. (see page C1.26)

E4. Permanent Identification



Panduct® Installation Tools
Wide selection of hand tools for cutting and installing wiring duct. (see page C1.34)



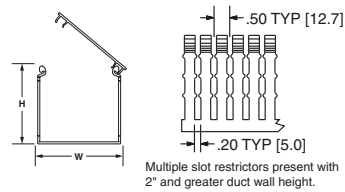
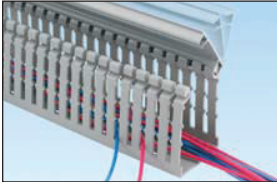
Panduct® Nylon Rivets
Fast, lowest cost mounting method. (see page C1.34)

F. Index

*Based on mock panel installations of type H hinged cover wiring duct and other commonly available wiring ducts adding a single component with four wires.

UL Panduct® Type HN Hinged Cover Narrow Slot Wiring Duct

- Narrow slot/finger design provides excellent wire management with smaller wire diameters and high-density components such as terminal blocks, input/output devices, and other hardware
- Material: Lead-free PVC
- UL Recognized continuous use temperature: 122°F (50°C)
- UL 94 flammability rating of V-0
- Conforms with NFPA 79-2007 section 13.3.1 requirement for flame retardant material
- Provided with mounting holes
- Base and cover length is 6 feet

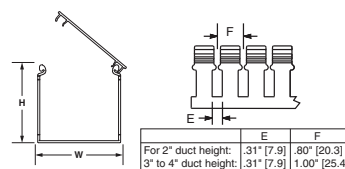
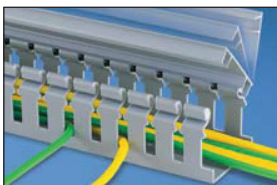


Base Part Number	Duct Size (W x H)*		Slot Width		Cover Part Number	Std. Pkg. Qty.	Base Ctn. Qty.	Cover Ctn. Qty.
	In.	mm	In.	mm				
HN1.5X2LG6	1.75 x 1.98	44.5 x 50.3	0.20	5.0	HC1.5LG6	6	120	120
HN1.5X3LG6	1.75 x 3.06	44.5 x 77.7	0.20	5.0	HC1.5LG6	6	120	120
HN2X2LG6	2.17 x 1.98	55.1 x 50.3	0.20	5.0	HC2LG6	6	120	120
HN2X3LG6	2.17 x 3.06	55.1 x 77.7	0.20	5.0	HC2LG6	6	60	120
HN2X4LG6	2.17 x 4.10	55.1 x 104.1	0.20	5.0	HC2LG6	6	60	120
HN3X3LG6	3.25 x 3.06	82.6 x 77.7	0.20	5.0	HC3LG6	6	60	120
HN3X4LG6	3.25 x 4.10	82.6 x 104.1	0.20	5.0	HC3LG6	6	60	120
HN4X4LG6	4.25 x 4.10	108.0 x 104.1	0.20	5.0	HC4LG6	6	60	60

Part Number shown for LG (Light Gray). Available in WH (White).
Base and cover sold separately.
**"H" dimension includes duct and cover.

UL Panduct® Type H Hinged Cover Wide Slot Wiring Duct

- Wide slot/finger design provides excellent wire management in general purpose applications and is compatible with a wide range of wire sizes and component types
- Material: Lead-free PVC
- Rated for continuous use temperature: 122°F (50°C)
- UL 94 flammability rating of V-0
- Conforms with NFPA 79-2007 section 13.3.1 requirement for flame retardant material
- Provided with standard mounting holes
- Base and cover length is 6 feet.

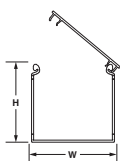


Base Part Number	Duct Size (W x H)*		Slot Width		Cover Part Number	Std. Pkg. Qty.	Base Ctn. Qty.	Cover Ctn. Qty.
	In.	mm	In.	mm				
H1.5X2LG6	1.75 x 1.98	44.5 x 50.3	.31	7.9	HC1.5LG6	6	120	120
H1.5X3LG6	1.75 x 3.06	44.5 x 77.7	.31	7.9	HC1.5LG6	6	120	120
H2X2LG6	2.17 x 1.98	55.1 x 50.3	.31	7.9	HC2LG6	6	120	120
H2X3LG6	2.17 x 3.06	55.1 x 77.7	.31	7.9	HC2LG6	6	60	120
H2X4LG6	2.17 x 4.10	55.1 x 104.1	.31	7.9	HC2LG6	6	60	120
H3X3LG6	3.25 x 3.06	82.6 x 77.7	.31	7.9	HC3LG6	6	60	120
H3X4LG6	3.25 x 4.10	82.6 x 104.1	.31	7.9	HC3LG6	6	60	120
H4X4LG6	4.25 x 4.10	108.0 x 104.1	.31	7.9	HC4LG6	6	60	60

Part Number shown for LG (Light Gray). Available in BL (Black) and WH (White).
Base and cover sold separately.
**"H" dimension includes duct and cover.

UL Panduct® Type HS Hinged Cover Solid Wall Raceway

- Solid wall raceway conceals and protects wiring in continuous runs such as in low-voltage cord management applications between control panel stations in conveyor systems
- Material: Lead-free PVC
- UL recognized continuous use temperature: 122°F (50°C)
- UL 94 flammability rating of V-0
- Supplied without mounting holes
- Base and cover length is 6 feet



Base Part Number	Duct Size (W x H)*		Cover Part Number	Std. Pkg. Qty.	Base Ctn. Qty.	Cover Ctn. Qty.
	In.	mm				
HS1.5X2LG6NM	1.75 x 1.98	44.5 x 50.3	HC1.5LG6	6	120	120
HS1.5X3LG6NM	1.75 x 3.06	44.5 x 77.7	HC1.5LG6	6	60	120
HS2X2LG6NM	2.17 x 1.98	55.1 x 50.3	HC2LG6	6	120	120
HS2X3LG6NM	2.17 x 3.06	55.1 x 77.7	HC2LG6	6	60	120
HS2X4LG6NM	2.17 x 4.10	55.1 x 104.1	HC2LG6	6	60	120
HS3X3LG6NM	3.25 x 3.06	82.6 x 77.7	HC3LG6	6	60	120
HS3X4LG6NM	3.25 x 4.10	82.6 x 104.1	HC3LG6	6	60	120
HS4X4LG6NM	4.25 x 4.10	108.0 x 104.1	HC4LG6	6	60	60

Part Number shown for LG (Light Gray). For BL (Black) and WH (White) colors see color selection guide, page C1.48.
Base and cover sold separately.
**"H" dimension includes duct and cover.

A.
System Overview

B1.
Cable Ties

B2.
Cable Accessories

B3.
Stainless Steel Ties

C1.
Wiring Duct

C2.
Surface Raceway

C3.
Abrasion Protection

C4.
Cable Management

D1.
Terminals

D2.
Power Connectors

D3.
Grounding Connectors

E1.
Labeling Systems

E2.
Labels

E3.
Pre-Printed & Write-On Markers

E4.
Permanent Identification

E5.
Lockout/ Tagout & Safety Solutions

F.
Index

A. System Overview

Features and Benefits – Panduit® Type G Wide Slot Wiring Duct

B1. Cable Ties

Available in 35 sizes from .5" x .5" up to 6" x 4" in a variety of colors.

B2. Cable Accessories

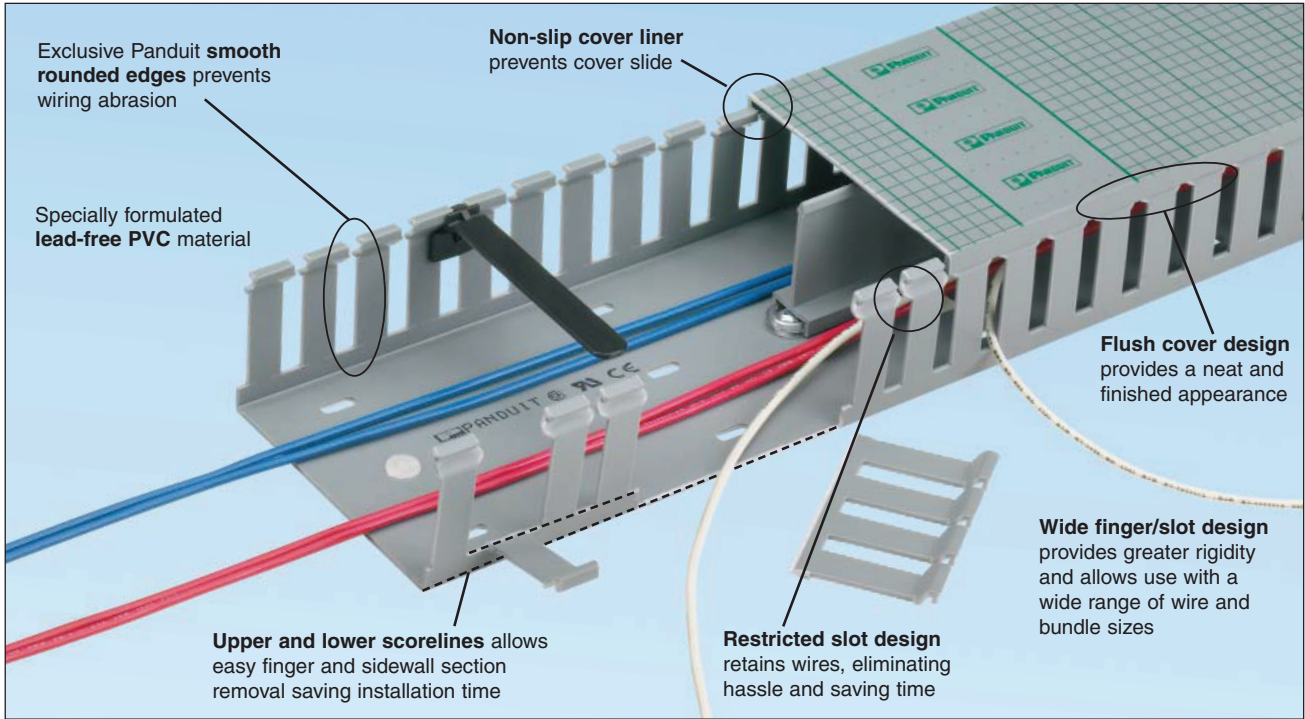
B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

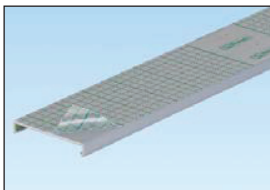
F. Index



Panduit® Wire Retainers
Contain wiring when duct cover is opened. Wire retainers snap easily between duct fingers. See page C1.28.



Panduit® Divider Wall
Create separate wiring channels within the wiring duct base. Available in solid or slotted wall styles. See page C1.26.



Panduit® Type C Cover with Protective Film
Reduces scrap and labor costs by protecting the surface during storage, handling, and installation. See page C1.13.



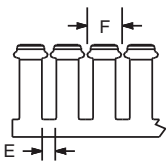
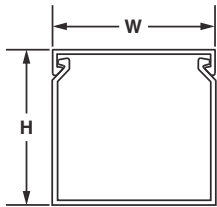
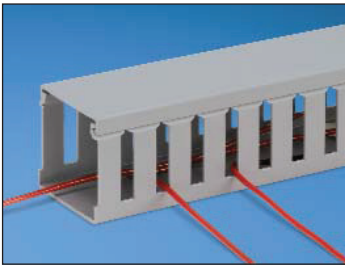
Panduit® Nylon Rivets
Fast, lowest cost mounting method. See page C1.34.



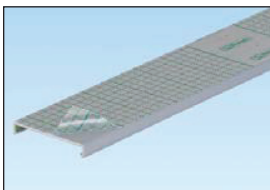
Panduit® Installation Tools
Wide selection of hand tools for cutting and installing wiring duct. See page C1.34.

UL® C E Panduct® Type G Wide Slot Wiring Duct

- Wide slot/finger design provides greater sidewall rigidity and can be used with a wide range of wire bundle sizes
- Material: Lead-free PVC
- UL recognized continuous use temperature: 122°F (50°C)
- UL 94 flammability rating of V-0
- Conforms with NFPA 79-2007 section 13.3.1 requirement for flame retardant material
- Provided with mounting holes
- Base and cover length is 6 feet



	E	F
For .5" duct height:	0.37" [9.4]	0.80" [20.3]
0.75" to 2" duct height:	0.31" [7.9]	0.80" [20.3]
3" to 4" duct height:	0.31" [7.9]	1.00" [25.4]
5" duct height:	0.38" [9.4]	1.33" [33.8]



To order cover with protective film add "-F" to part number. 6" cover not available with film.

Base Part Number	Duct Size (W x H)*		Slot Width		Cover Part Number	Std. Pkg. Qty.	Base Ctn. Qty.	Cover Ctn. Qty.
	In.	mm	In.	mm				
G.5X.5LG6	0.69 x 0.60	17.5 x 15.2	0.38	9.7	C.5LG6	6	120	120
G.5X1LG6	0.69 x 1.06	17.5 x 26.9	0.31	7.9	C.5LG6	6	120	120
G.5X2LG6	0.69 x 2.03	17.5 x 51.6	0.31	7.9	C.5LG6	6	120	120
G.75X.75LG6	0.93 x 0.82	23.6 x 20.8	0.31	7.9	C.75LG6	6	120	120
G.75X1LG6	0.93 x 1.06	23.6 x 26.9	0.31	7.9	C.75LG6	6	120	120
G.75X1.5LG6	0.93 x 1.57	23.6 x 39.9	0.31	7.9	C.75LG6	6	120	120
G.75X2LG6	0.93 x 2.03	23.6 x 51.7	0.31	7.9	C.75LG6	6	120	120
G1X1LG6	1.26 x 1.12	32.0 x 28.4	0.31	7.9	C1LG6	6	120	120
G1X1.5LG6	1.26 x 1.62	32.0 x 41.1	0.31	7.9	C1LG6	6	120	120
G1X2LG6	1.26 x 2.12	32.0 x 53.8	0.31	7.9	C1LG6	6	120	120
G1X3LG6	1.26 x 3.12	32.0 x 79.2	0.31	7.9	C1LG6	6	120	120
G1X4LG6	1.26 x 4.10	32.0 x 104.1	0.31	7.9	C1LG6	6	60	120
G1.5X1LG6	1.75 x 1.12	44.5 x 28.4	0.31	7.9	C1.5LG6	6	120	120
G1.5X1.5LG6	1.75 x 1.62	44.5 x 41.1	0.31	7.9	C1.5LG6	6	120	120
G1.5X2LG6	1.75 x 2.12	44.5 x 53.8	0.31	7.9	C1.5LG6	6	120	120
G1.5X3LG6	1.75 x 3.12	44.5 x 79.2	0.31	7.9	C1.5LG6	6	120	120
G1.5X4LG6	1.75 x 4.10	44.5 x 104.1	0.31	7.9	C1.5LG6	6	60	120
G2X1LG6	2.25 x 1.12	57.2 x 28.4	0.31	7.9	C2LG6	6	120	120
G2X1.5LG6	2.25 x 1.62	57.2 x 41.1	0.31	7.9	C2LG6	6	120	120
G2X2LG6	2.25 x 2.12	57.2 x 53.8	0.31	7.9	C2LG6	6	120	120
G2X3LG6	2.25 x 3.12	57.2 x 79.2	0.31	7.9	C2LG6	6	60	120
G2X4LG6	2.25 x 4.10	57.2 x 104.1	0.31	7.9	C2LG6	6	60	120
G2X5LG6	2.25 x 5.10	57.2 x 129.5	0.38	9.7	C2LG6	6	60	120
G2.5X3LG6	2.75 x 3.12	69.9 x 79.2	0.31	7.9	C2.5LG6	6	120	120
G3X1LG6	3.25 x 1.12	82.6 x 28.4	0.31	7.9	C3LG6	6	120	120
G3X2LG6	3.25 x 2.12	82.6 x 53.8	0.31	7.9	C3LG6	6	120	120
G3X3LG6	3.25 x 3.12	82.6 x 79.2	0.31	7.9	C3LG6	6	60	120
G3X4LG6	3.25 x 4.10	82.6 x 104.1	0.31	7.9	C3LG6	6	60	120
G3X5LG6	3.25 x 5.10	82.6 x 129.5	0.38	9.7	C3LG6	6	60	120
G4X1.5LG6	4.25 x 1.62	108.0 x 41.1	0.31	7.9	C4LG6	6	120	120
G4X2LG6	4.25 x 2.12	108.0 x 53.8	0.31	7.9	C4LG6	6	60	120
G4X3LG6	4.25 x 3.12	108.0 x 79.2	0.31	7.9	C4LG6	6	60	120
G4X4LG6	4.25 x 4.10	108.0 x 104.1	0.31	7.9	C4LG6	6	60	120
G4X5LG6	4.25 x 5.10	108.0 x 129.5	0.38	9.7	C4LG6	6	60	120
G6X4LG6	6.25 x 4.15	158.8 x 105.4	0.31	7.9	C6LG6	6	60	120

Part number shown for LG (Light Gray). For other color availability see color selection guide, page C1.48. Base and cover sold separately.

**H" dimension includes duct and cover.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Features and Benefits – Panduct® Type F Narrow Slot Wiring Duct

B1. Cable Ties

Available in 31 sizes from .5" x .5" up to 6" x 4" in a variety of colors.

B2. Cable Accessories

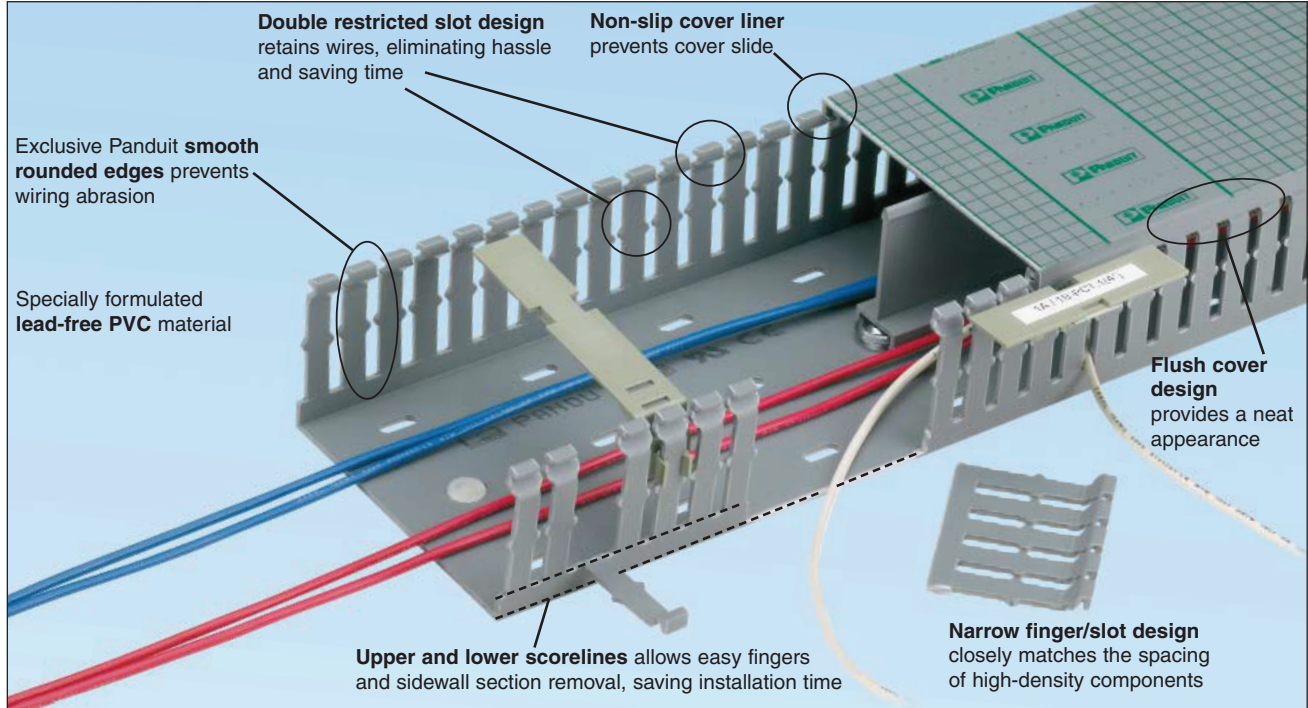
B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

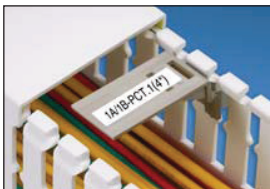
E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

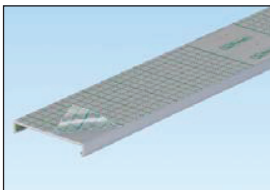
F. Index



Panduct® Wire Retainers for Type F Wiring Duct
Contain wiring when duct cover is opened. Wire retainers snap easily between duct fingers. (see page C1.29)



Panduct® Divider Wall
Create separate wiring channels within the wiring duct base. Available in solid or slotted wall styles. (see page C1.26)



Panduct® Type C Cover with Protective Film
Reduces scrap and labor costs by protecting the surface during storage, handling, and installation. (see page C1.15)



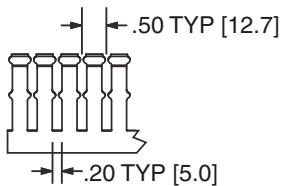
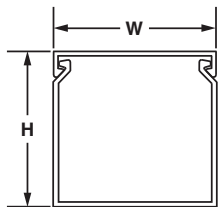
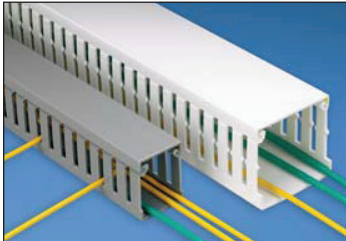
Panduct® Nylon Rivets
Fast, lowest cost mounting method. (see page C1.34)



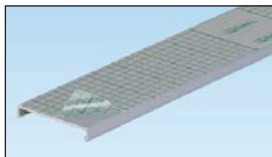
Panduct® Installation Tools
Wide selection of hand tools for cutting and installing wiring duct. (see page C1.34)

Panduit® Type F Narrow Slot Wiring Duct

- Narrow slot/finger design provides more slots to fit the spacing of high-density terminal blocks and other hardware
- Material: Lead-free PVC
- UL recognized continuous use temperature: 122°F (50°C)
- UL 94 flammability rating of V-0
- Conforms with NFPA 79-2007 section 13.3.1 requirement for flame retardant material
- Provided with mounting holes
- Base and cover length is 6 feet



Multiple slot restrictors present with 2" and greater duct wall height.



To order cover with protective film add "-F" to part number. 6" cover not available with film.



Base Part Number	Duct Size (W x H)*		Slot Width		Cover Part Number	Std. Pkg. Qty.	Base Ctn. Qty.	Cover Ctn. Qty.
	In.	mm	In.	mm				
F.5X.5LG6	0.69 x 0.60	17.5 x 15.2	0.20	5.0	C.5LG6	6	120	120
F.5X1LG6	0.69 x 1.06	17.5 x 26.9	0.20	5.0	C.5LG6	6	120	120
F.75X.75LG6	0.93 x 0.82	23.6 x 20.9	0.20	5.0	C.75LG6	6	120	120
F.75X1.5LG6	0.93 x 1.57	23.6 x 39.9	0.20	5.0	C.75LG6	6	120	120
F1X1LG6	1.26 x 1.13	32.0 x 28.7	0.20	5.0	C1LG6	6	120	120
F1X1.5LG6	1.26 x 1.62	32.0 x 41.1	0.20	5.0	C1LG6	6	120	120
F1X2LG6	1.26 x 2.12	32.0 x 53.8	0.20	5.0	C1LG6	6	120	120
F1X3LG6	1.26 x 3.12	32.0 x 79.2	0.20	5.0	C1LG6	6	120	120
F1X4LG6	1.26 x 4.10	32.0 x 104.1	0.20	5.0	C1LG6	6	60	120
F1.5X1LG6	1.75 x 1.12	44.5 x 28.4	0.20	5.0	C1.5LG6	6	120	120
F1.5X1.5LG6	1.75 x 1.62	44.5 x 41.1	0.20	5.0	C1.5LG6	6	120	120
F1.5X2LG6	1.75 x 2.12	44.5 x 53.8	0.20	5.0	C1.5LG6	6	120	120
F1.5X3LG6	1.75 x 3.12	44.5 x 79.2	0.20	5.0	C1.5LG6	6	120	120
F1.5X4LG6	1.75 x 4.10	44.5 x 104.1	0.20	5.0	C1.5LG6	6	60	120
F2X1LG6	2.25 x 1.12	57.2 x 28.4	0.20	5.0	C2LG6	6	120	120
F2X1.5LG6	2.25 x 1.62	57.2 x 41.1	0.20	5.0	C2LG6	6	120	120
F2X2LG6	2.25 x 2.12	57.2 x 53.8	0.20	5.0	C2LG6	6	120	120
F2X3LG6	2.25 x 3.12	57.2 x 79.2	0.20	5.0	C2LG6	6	60	120
F2X4LG6	2.25 x 4.10	57.2 x 104.1	0.20	5.0	C2LG6	6	60	120
F2X5LG6	2.25 x 5.10	57.2 x 129.5	0.20	5.0	C2LG6	6	60	120
F2.5X3LG6	2.75 x 3.12	69.9 x 79.2	0.20	5.0	C2.5LG6	6	120	120
F3X1LG6	3.25 x 1.12	82.6 x 28.4	0.20	5.0	C3LG6	6	120	120
F3X2LG6	3.25 x 2.12	82.6 x 53.8	0.20	5.0	C3LG6	6	120	120
F3X3LG6	3.25 x 3.12	82.6 x 79.2	0.20	5.0	C3LG6	6	60	120
F3X4LG6	3.25 x 4.10	82.6 x 104.1	0.20	5.0	C3LG6	6	60	120
F3X5LG6	3.25 x 5.10	82.6 x 129.5	0.20	5.0	C3LG6	6	60	120
F4X2LG6	4.25 x 2.12	108.0 x 53.8	0.20	5.0	C4LG6	6	60	120
F4X3LG6	4.25 x 3.12	108.0 x 79.2	0.20	5.0	C4LG6	6	60	120
F4X4LG6	4.25 x 4.10	108.0 x 104.1	0.20	5.0	C4LG6	6	60	120
F4X5LG6	4.25 x 5.10	108.0 x 129.5	0.20	5.0	C4LG6	6	60	120
F6X4LG6	6.25 x 4.15	158.8 x 105.4	0.20	5.0	C6LG6	6	60	120

Part number shown for LG (Light Gray). For other color availability see color selection guide, page C1.48. Base and cover sold separately.

*"H" dimension includes duct and cover.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Features and Benefits – Panduit® Flush Cover Type D Round Hole Wiring Duct

B1. Cable Ties

Available in sixteen sizes from 1" x 2" up to 4" x 4" in a variety of colors.

B2. Cable Accessories

Round hole design retains and supports wire at variable heights to enhance wire management

B3. Stainless Steel Ties

Exclusive Panduit **smooth rounded edges** prevents wiring abrasion

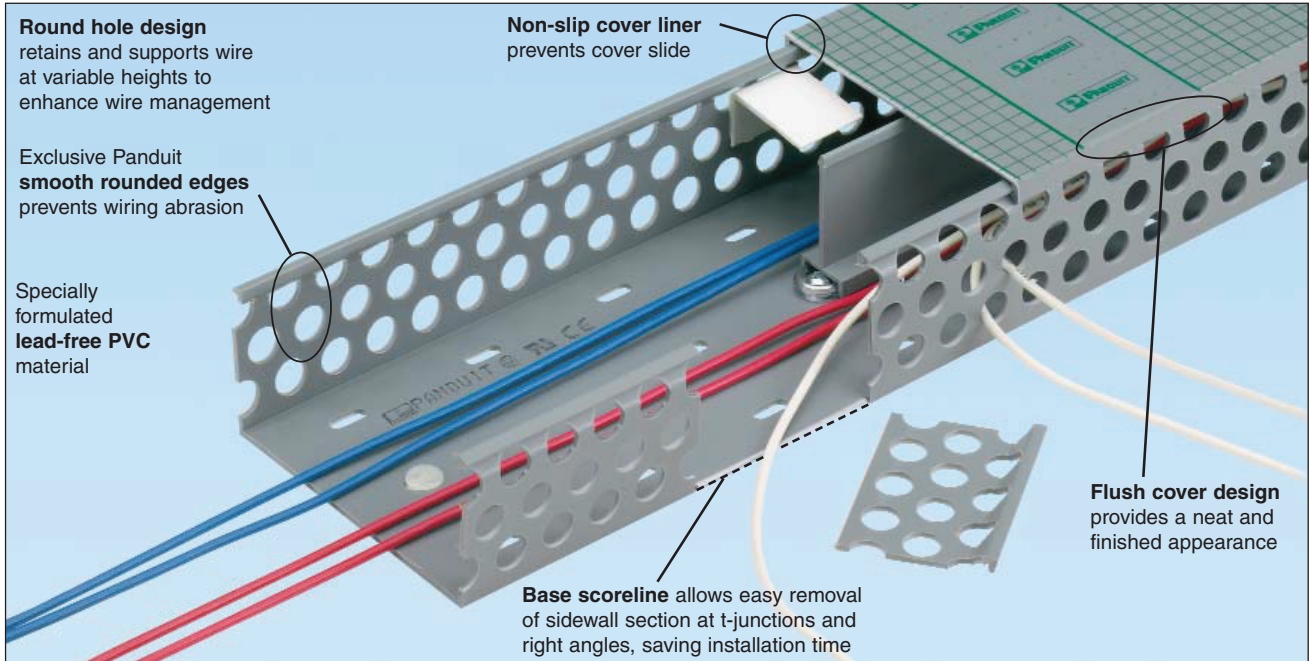
C1. Wiring Duct

Specially formulated **lead-free PVC** material

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

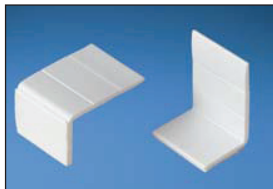
E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

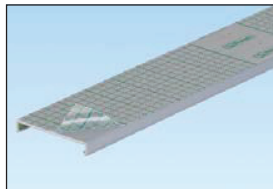
F. Index



Panduit® Wire Retainers for Type D Wiring Duct
Contain wiring when duct cover is opened. Wire retainers mount onto walls with pressure sensitive adhesive. (see page C1.28)



Panduit® Divider Wall
Create separate wiring channels within the wiring duct base. Available in solid or slotted wall styles. (see page C1.26)



Panduit® Type C Cover with Protective Film
Reduces scrap and labor costs by protecting the surface during storage, handling, and installation. (see page C1.17)



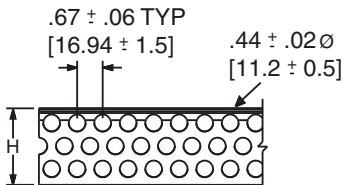
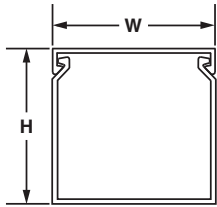
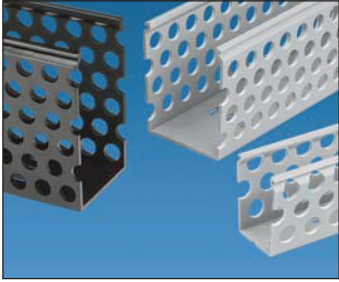
Panduit® Nylon Rivets
Fast, lowest cost mounting method. (see page C1.34)



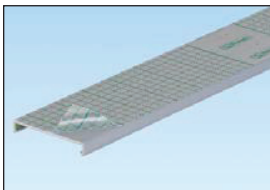
Panduit® Installation Tools
Wide selection of hand tools for cutting and installing wiring duct. (see page C1.34)

UL® C E Panduit® Flush Cover Type D Round Hole Wiring Duct

- Round hole design has multiple rows of holes to retain and support wire at variable heights and positions
- Material: Lead-free PVC
- UL recognized continuous use temperature: 122°F (50°C)
- UL 94 flammability rating of V-0
- Conforms with NFPA 79-2007 section 13.3.1 requirement for flame retardant material
- Provided with mounting holes
- Base and cover length is 6 feet



For 2" duct height = 3 rows of holes
 3" duct height = 4 rows of holes
 4" duct height = 6 rows of holes



To order cover with protective film add "-F" to part number. 6" cover not available with film.

Base Part Number	Duct Size (W x H)*		Cover Part Number	Std. Pkg. Qty.	Base Ctn. Qty.	Cover Ctn. Qty.
	In.	mm				
D1X2LG6	1.26 x 2.12	32.0 x 53.8	C1LG6	6	120	120
D1X3LG6	1.26 x 3.12	32.0 x 79.2	C1LG6	6	120	120
D1X4LG6	1.26 x 4.10	32.0 x 104.1	C1LG6	6	120	120
D1.5X2LG6	1.75 x 2.12	44.5 x 53.8	C1.5LG6	6	120	120
D1.5X3LG6	1.75 x 3.12	44.5 x 79.2	C1.5LG6	6	120	120
D1.5X4LG6	1.75 x 4.10	44.5 x 104.1	C1.5LG6	6	60	120
D2X2LG6	2.25 x 2.12	57.2 x 53.8	C2LG6	6	120	120
D2X3LG6	2.25 x 3.12	57.2 x 79.2	C2LG6	6	60	120
D2X4LG6	2.25 x 4.10	57.2 x 104.1	C2LG6	6	60	120
D2.5X3LG6	2.75 x 3.12	69.9 x 79.2	C2.5LG6	6	120	120
D3X2LG6	3.25 x 2.12	82.6 x 53.8	C3LG6	6	120	120
D3X3LG6	3.25 x 3.12	82.6 x 79.2	C3LG6	6	60	120
D3X4LG6	3.25 x 4.10	82.6 x 104.1	C3LG6	6	60	120
D4X2LG6	4.25 x 2.12	108.0 x 53.8	C4LG6	6	60	120
D4X3LG6	4.25 x 3.12	108.0 x 79.2	C4LG6	6	60	120
D4X4LG6	4.25 x 4.10	108.0 x 104.1	C4LG6	6	60	120

Part number shown for LG (Light Gray). For other color availability see color selection guide, page C1.48.
 Base and cover sold separately.
 **"H" dimension includes duct and cover.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Features and Benefits – Panduit® Type MC Metric Narrow Slot Wiring Duct

B1. Cable Ties

Available in 20 sizes from 25mm x 25mm up to 100mm x 100mm in international gray and white colors.

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

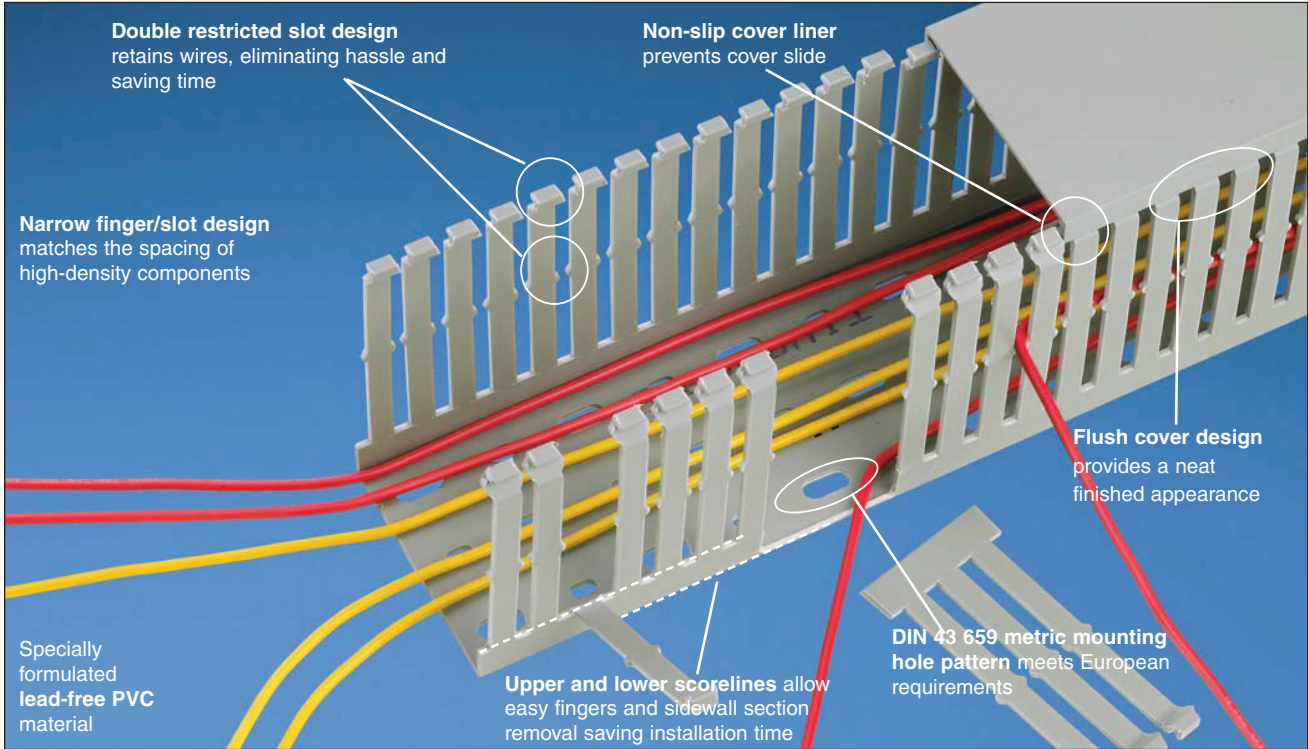
E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



Panduit® Wire Retainers for Type MC Wiring Duct
Contain wiring when duct cover is opened. Wire retainers snap easily between duct fingers. (see page C1.29)



Panduit® Divider Wall
Create separate wiring channels within the wiring duct base. Available in solid or slotted wall styles. (see page C1.26)



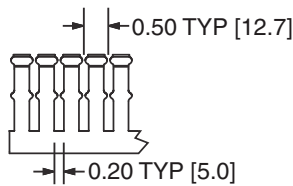
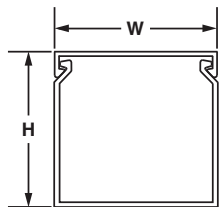
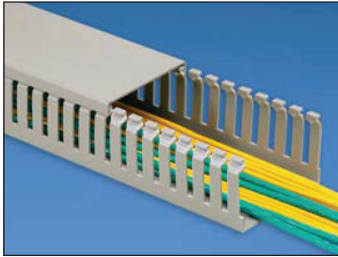
Panduit® Installation Tools
Wide selection of hand tools for cutting and installing wiring duct. (see page C1.34)



Panduit® Nylon Rivets
Fast, lowest cost mounting method. (see page C1.34)

UL® CE® Panduct® Type MC Metric Narrow Slot Wiring Duct

- CE compliant and metric sizing for control panels intended for European applications
- Material: Lead-free PVC
- UL recognized continuous use temperature: 122°F (50°C)
- UL 94 flammability rating of V-0
- Conforms with NFPA 79-2007 section 13.3.1 requirement for flame retardant material
- Provided with DIN 43 659 mounting holes
- Duct and cover packaged together in 2m lengths



Multiple slot restrictors present with 62mm and greater duct wall height.

Base and Cover Part Number	Duct Size (W x H)*		Slot Width		Replacement Cover Part Number	Base and Cover Pkg. Qty. (m)	Replacement Cover Std. Pkg. Qty.
	mm	In.	In.	mm			
MC25X25IG2	24.6 x 23.6	0.97 x 0.93	0.20	5.0	C25IG2	20	20
MC25X37IG2	24.6 x 35.8	0.97 x 1.41	0.20	5.0	C25IG2	20	20
MC25X50IG2	24.6 x 47.8	0.97 x 1.88	0.20	5.0	C25IG2	20	20
MC25X62IG2	24.6 x 59.7	0.97 x 2.35	0.20	5.0	C25IG2	20	20
MC25X75IG2	24.6 x 72.4	0.97 x 2.85	0.20	5.0	C25IG2	20	20
MC37X37IG2	37.1 x 35.8	1.46 x 1.41	0.20	5.0	C37IG2	20	20
MC37X50IG2	37.1 x 47.8	1.46 x 1.88	0.20	5.0	C37IG2	20	20
MC37X62IG2	37.1 x 59.7	1.46 x 2.35	0.20	5.0	C37IG2	20	20
MC37X75IG2	37.1 x 72.4	1.46 x 2.85	0.20	5.0	C37IG2	20	20
MC50X50IG2	49.5 x 47.8	1.95 x 1.89	0.20	5.0	C50IG2	20	20
MC50X75IG2	49.5 x 72.4	1.95 x 2.85	0.20	5.0	C50IG2	10	20
MC50X100IG2	49.5 x 97.8	1.95 x 3.85	0.20	5.0	C50IG2	10	20
MC62X62IG2	62.0 x 59.7	2.44 x 2.35	0.20	5.0	C62IG2	20	20
MC75X50IG2	74.7 x 48.0	2.94 x 1.89	0.20	5.0	C75IG2	20	20
MC75X62IG2	74.7 x 59.7	2.94 x 2.35	0.20	5.0	C75IG2	20	20
MC75X75IG2	74.7 x 72.4	2.94 x 2.85	0.20	5.0	C75IG2	10	20
MC75X100IG2	74.7 x 97.8	2.94 x 3.85	0.20	5.0	C75IG2	10	20
MC100X50IG2	99.6 x 48.0	3.92 x 1.89	0.20	5.0	C100IG2	10	20
MC100X75IG2	99.6 x 72.4	3.92 x 2.85	0.20	5.0	C100IG2	10	20
MC100X100IG2	99.6 x 97.8	3.92 x 3.85	0.20	5.0	C100IG2	10	20

Available in IG (International Gray) and WH (White) colors.

Base and cover sold together.

**H" dimension includes duct and cover.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Features and Benefits – Panduct® Type FS Solid Wall Raceway

B1. Cable Ties

Available in 27 sizes from .5" x .5" up to 6" x 4" in a variety of colors.

B2. Cable Accessories

B3. Stainless Steel Ties

Specially formulated **lead-free PVC** material

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

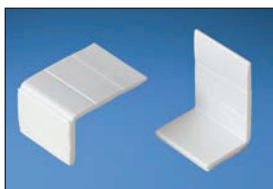
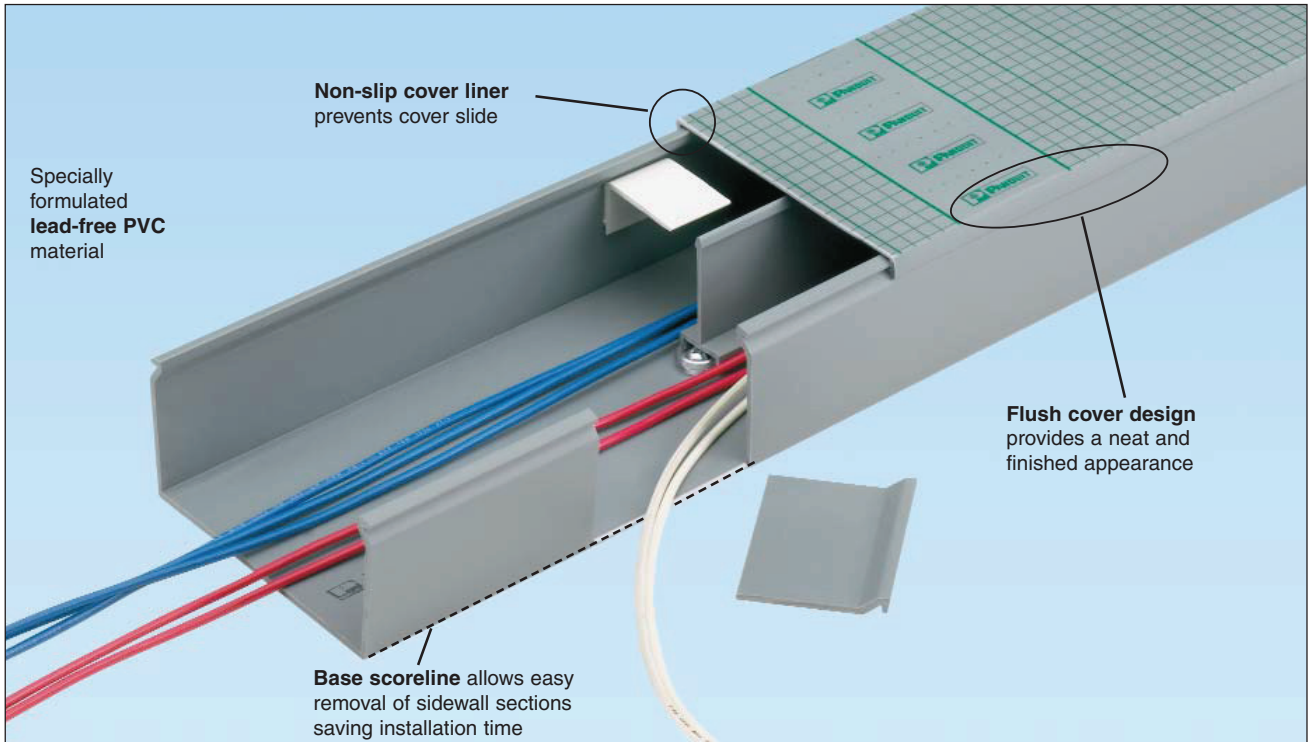
E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

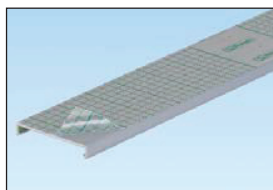
F. Index



Panduct® Wire Retainers for Type FS Solid Wall Raceway
Contain wiring when duct cover is opened. Wire retainers mount onto walls with pressure sensitive adhesive. (see page C1.28)



Panduct® Divider Wall
Create separate wiring channels within the wiring duct base. Available in solid or slotted wall styles. (see page C1.26)



Panduct® Type C Cover with Protective Film
Reduces scrap and labor costs by protecting the surface during storage, handling, and installation. (see page C1.21)



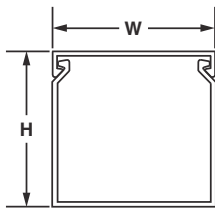
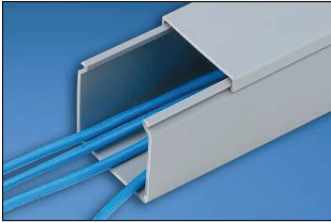
Panduct® Nylon Rivets
Fast, lowest cost mounting method. (see page C1.34)



Panduct® Installation Tools
Wide selection of hand tools for cutting and installing wiring duct. (see page C1.34)

Panduit® Type FS Solid Wall Raceway

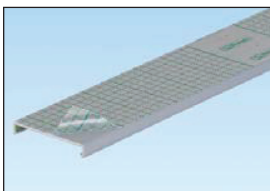
- Solid wall design fully encloses cables providing maximum protection and aesthetics
- Material: Lead-free PVC
- UL recognized continuous use temperature: 122°F (50°C)
- UL 94 flammability rating of V-0
- Base and cover length is 6 feet



Base Part Number	Duct Size (W x H)*		Cover Part Number	Std. Pkg. Qty.	Base Ctn. Qty.	Cover Ctn. Qty.
	In.	mm				
> FS.5X.5LG6NM	.69 x .60	17.5 x 15.2	C.5LG6	6	120	120
> FS.5X1LG6NM	.69 x 1.06	17.5 x 26.9	C.5LG6	6	120	120
> FS.75X.75LG6NM	.93 x .82	23.6 x 20.8	C.75LG6	6	120	120
> FS1X1LG6NM	1.26 x 1.12	32.0 x 28.4	C1LG6	6	120	120
> FS1X1.5LG6NM	1.26 x 1.62	32.0 x 41.1	C1LG6	6	120	120
> FS1X2LG6NM	1.26 x 2.12	32.0 x 53.8	C1LG6	6	120	120
> FS1X3LG6NM	1.26 x 3.12	32.0 x 79.2	C1LG6	6	120	120
> FS1X4LG6NM	1.26 x 4.10	32.0 x 104.1	C1LG6	6	60	120
> FS1.5X1LG6NM	1.75 x 1.12	44.5 x 28.4	C1.5LG6	6	120	120
> FS1.5X1.5LG6NM	1.75 x 1.62	44.5 x 41.1	C1.5LG6	6	120	120
> FS1.5X2LG6NM	1.75 x 2.12	44.5 x 53.8	C1.5LG6	6	120	120
> FS1.5X3LG6NM	1.75 x 3.12	44.5 x 79.2	C1.5LG6	6	120	120
> FS2X1LG6NM	2.25 x 1.12	57.2 x 28.4	C2LG6	6	120	120
> FS2X1.5LG6NM	2.25 x 1.62	57.2 x 41.1	C2LG6	6	120	120
> FS2X2LG6NM	2.25 x 2.12	57.2 x 53.8	C2LG6	6	120	120
> FS2X3LG6NM	2.25 x 3.12	57.2 x 79.2	C2LG6	6	60	120
> FS2X4LG6NM	2.25 x 4.10	57.2 x 104.1	C2LG6	6	60	120
> FS3X1LG6NM	3.25 x 1.12	82.6 x 28.4	C3LG6	6	120	120
> FS3X2LG6NM	3.25 x 2.12	82.6 x 53.8	C3LG6	6	120	120
> FS3X3LG6NM	3.25 x 3.12	82.6 x 79.2	C3LG6	6	60	120
> FS3X4LG6NM	3.25 x 4.10	82.6 x 104.1	C3LG6	6	60	120
> FS3X5LG6NM	3.25 x 5.10	82.6 x 129.5	C3LG6	6	60	120
> FS4X2LG6NM	4.25 x 2.12	108.0 x 53.8	C4LG6	6	60	120
> FS4X3LG6NM	4.25 x 3.12	108.0 x 79.2	C4LG6	6	60	120
> FS4X4LG6NM	4.25 x 4.10	108.0 x 104.1	C4LG6	6	60	120
> FS4X5LG6NM	4.25 x 5.10	108.0 x 129.5	C4LG6	6	60	120
> FS6X4LG6NM	6.25 x 4.15	158.8 x 105.4	C6LG6	6	60	120

>Parts are available with mounting holes. To order with mounting holes, remove NM from part number. Part Number shown for LG (Light Gray). For other color availability see Color Selection Guide, page C1.48. Base and cover sold separately.

**"H" dimension includes duct and cover.



To order cover with protective film add "-F" to part number. 6" cover not available with film.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

Wiring Duct for Special Environments

B1. Cable Ties

Features and Benefits – Panduct® Type NNC Halogen-Free Metric Wiring Duct

Available in fourteen sizes from 25mm x 25mm up to 100mm x 100mm in light gray and white.

B2. Cable Accessories

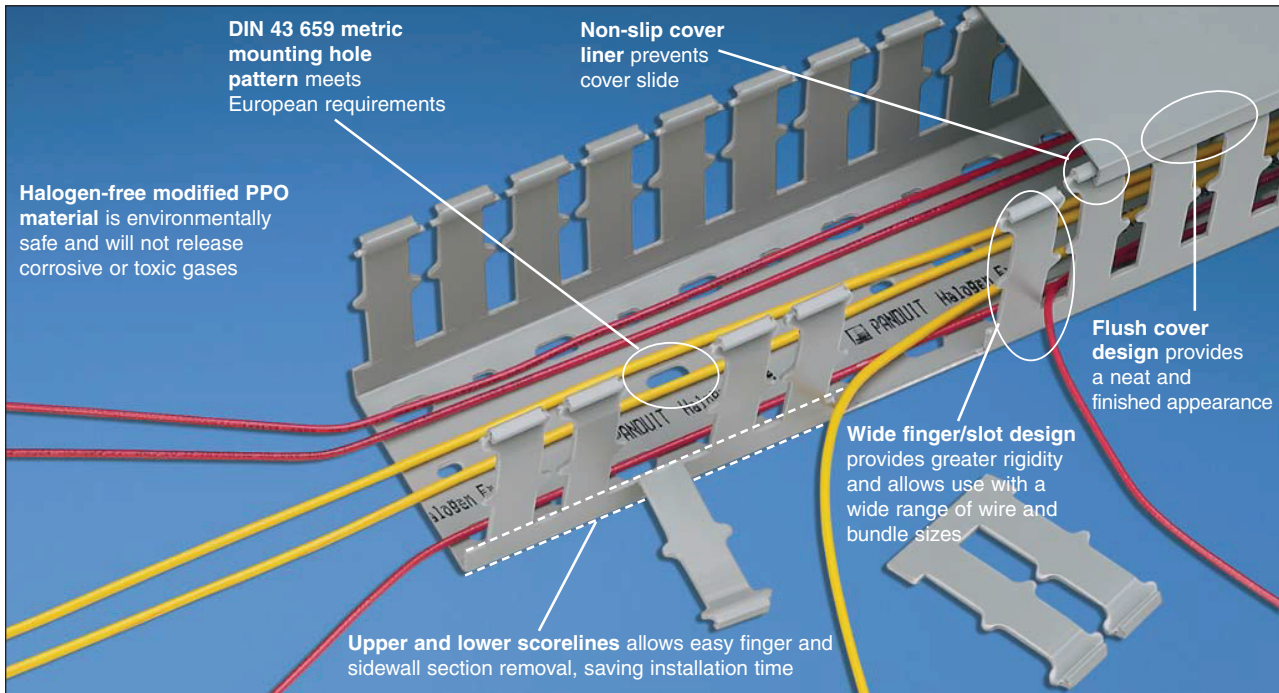
B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



Panduct® Type NNC Halogen-Free Solid Divider Wall
Create separate wiring channels within the wiring duct base. (see page C1.23)



Panduct® Nylon Rivets
Fast, lowest cost mounting method. (see page C1.34)

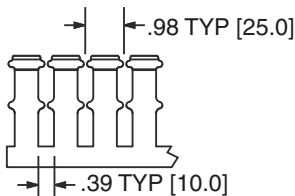
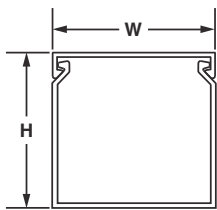
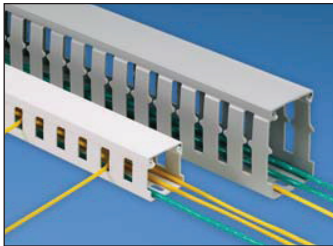


Panduct® Installation Tools
Wide selection of hand tools for cutting and installing wiring duct. (see page C1.34)

Panduit® Type NNC Halogen-Free Metric Wiring Duct

- Material: Halogen-free modified polyphenylene oxide (mPPO) material as verified with IEC 60754-2 test method (test on gases evolved during combustion of electric cables)
- UL recognized continuous use temperature: 203°F (95°C)
- UL 94 flammability rating of V-0

- Conforms with NFPA 79-2007 section 13.3.1 requirement for flame retardant material
- Provided with DIN 43 659 mounting holes
- Metric sizing and finger progression
- Duct and cover packaged together in two meter lengths



Multiple slot restrictors present with 75mm and greater duct wall height.

Base and Cover Part Number	Duct Size (W x H)*		Slot Width		Replacement Cover Part Number	Base and Cover Ctn. Qty. (m)	Replacement Cover Ctn. Qty. (m)
	mm	In.	In.	mm			
NNC25X25LG2	24.6 x 23.6	.97 x .93	.39	10.0	NC25LG2	20	20
NNC25X37LG2	24.6 x 35.8	.97 x 1.41	.39	10.0	NC25LG2	20	20
NNC25X50LG2	24.6 x 47.8	.97 x 1.88	.39	10.0	NC25LG2	20	20
NNC25X75LG2	24.6 x 72.4	.97 x 2.85	.39	10.0	NC25LG2	20	20
NNC37X37LG2	37.1 x 35.8	1.46 x 1.41	.39	10.0	NC37LG2	20	20
NNC37X50LG2	37.1 x 47.8	1.46 x 1.88	.39	10.0	NC37LG2	20	20
NNC37X75LG2	37.1 x 72.4	1.46 x 2.85	.39	10.0	NC37LG2	20	20
NNC50X50LG2	49.5 x 47.8	1.95 x 1.88	.39	10.0	NC50LG2	20	20
NNC50X75LG2	49.5 x 72.4	1.95 x 2.85	.39	10.0	NC50LG2	10	20
NNC50X100LG2	49.5 x 97.8	1.95 x 3.85	.39	10.0	NC50LG2	10	20
NNC75X75LG2	74.7 x 72.4	2.94 x 2.85	.39	10.0	NC75LG2	10	20
NNC100X50LG2	99.6 x 47.8	3.92 x 1.88	.39	10.0	NC100LG2	10	20
NNC100X75LG2	99.6 x 72.4	3.92 x 2.85	.39	10.0	NC100LG2	10	20
NNC100X100LG2	99.6 x 97.8	3.92 x 3.85	.39	10.0	NC100LG2	10	20

Available in LG (Light Gray) and WH (White).

Do not allow cutting, tapping, or cleaning fluids that contain hydrocarbons to come in contact with type NNC wiring duct as it will cause stress cracking. See page C1.49 for a list of chemicals to avoid.

**"H" dimension includes duct and cover.

Panduit® Type NNC Divider Wall

- NNC solid divider wall can be mounted inside NNC and NE wiring duct to create multiple channels
- Material: Halogen-free modified polyphenylene oxide (mPPO)

- Simply install the divider wall base when mounting the duct and snap the divider wall onto mounting base, DB-C



Part Number	Length (m)	For Nominal Duct Height (mm)	Std. Pkg. Qty.	Std. Ctn. Qty. (m)
NNC50DWH2	2	50	2	40
NNC75DWH2	2	75	2	40

Available in WH (White) color only.

NOTE: Must be used with mounting base DB-C (see page C1.26), which is sold separately. Install mounting bases to the duct channel, locate within 2" of each divider wall end and at least every 12" along the length.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

PANDUIT® ELECTRICAL SOLUTIONS

A. System Overview

UL® C E Panduct® Type NE Halogen-Free Wiring Duct

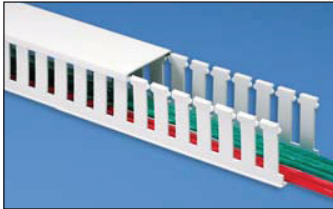
B1. Cable Ties

- Material: Halogen-free modified polyphenylene oxide (mPPO)
- UL recognized continuous use temperature: 203°F (95°C)
- UL 94 flammability rating of V-0
- Provided with mounting holes
- Base and cover length is 6 feet

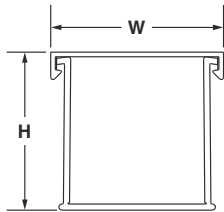
B2. Cable Accessories



B3. Stainless Steel Ties



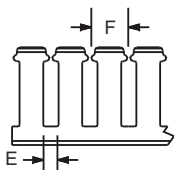
C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



	E	F
For .5" duct height:	.37" [9.4]	.80" [20.3]
1" to 2" duct height:	.31" [7.9]	.80" [20.3]
3" to 4" duct height:	.31" [7.9]	1.00" [25.4]
5" duct height:	.38" [9.4]	1.33" [33.8]

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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Base Part Number	Duct Size (W x H)*		Slot Width		Cover Part Number	Std. Pkg. Qty.	Base Ctn. Qty.	Cover Ctn. Qty.
	In.	mm	In.	mm				
NE.5X.5WH6	.63 x .56	16.0 x 14.2	.38	9.7	NC.5WH6	6	120	120
NE.5X1WH6	.63 x 1.06	16.0 x 26.9	.31	7.9	NC.5WH6	6	120	120
NE1X1WH6	1.14 x 1.06	29.0 x 26.9	.31	7.9	NC1WH6	6	120	120
NE1X1.5WH6	1.14 x 1.62	29.0 x 41.1	.31	7.9	NC1WH6	6	120	120
NE1X2WH6	1.14 x 2.06	29.0 x 52.3	.31	7.9	NC1WH6	6	120	120
NE1X3WH6	1.14 x 3.06	29.0 x 77.7	.31	7.9	NC1WH6	6	120	120
NE1X4WH6	1.14 x 4.06	29.0 x 103.1	.31	7.9	NC1WH6	6	60	120
NE1.5X1.5WH6	1.64 x 1.62	41.7 x 41.1	.31	7.9	NC1.5WH6	6	120	120
NE1.5X2WH6	1.64 x 2.06	41.7 x 52.3	.31	7.9	NC1.5WH6	6	120	120
NE1.5X3WH6	1.64 x 3.06	41.7 x 77.7	.31	7.9	NC1.5WH6	6	120	120
NE1.5X4WH6	1.64 x 4.06	41.7 x 103.1	.31	7.9	NC1.5WH6	6	60	120
NE2X1WH6	2.14 x 1.06	54.4 x 26.9	.31	7.9	NC2WH6	6	120	120
NE2X2WH6	2.14 x 2.06	54.4 x 52.3	.31	7.9	NC2WH6	6	120	120
NE2X3WH6	2.14 x 3.06	54.4 x 77.7	.31	7.9	NC2WH6	6	60	120
NE2X4WH6	2.14 x 4.06	54.4 x 103.1	.31	7.9	NC2WH6	6	60	120
NE3X1WH6	3.14 x 1.06	79.8 x 26.9	.31	7.9	NC3WH6	6	120	120
NE3X2WH6	3.14 x 2.06	79.8 x 52.3	.31	7.9	NC3WH6	6	120	120
NE3X3WH6	3.14 x 3.06	79.8 x 77.7	.31	7.9	NC3WH6	6	60	120
NE3X4WH6	3.14 x 4.06	79.8 x 103.1	.31	7.9	NC3WH6	6	60	120
NE3X5WH6	3.14 x 5.06	79.8 x 128.5	.38	9.7	NC3WH6	6	60	120
NE4X2WH6	4.14 x 2.06	105.2 x 52.3	.31	7.9	NC4WH6	6	60	120
NE4X3WH6	4.14 x 3.06	105.2 x 77.7	.31	7.9	NC4WH6	6	60	120
NE4X4WH6	4.14 x 4.06	105.2 x 103.1	.31	7.9	NC4WH6	6	60	120
NE4X5WH6	4.14 x 5.06	105.2 x 128.5	.38	9.7	NC4WH6	6	60	120

Available in WH (White) only.

Do not allow cutting, tapping, or cleaning fluids that contain hydrocarbons to come in contact with type NE wiring duct as it will cause stress cracking. See page C1.49 for list of chemicals to avoid.

Base and cover sold separately.

**"H" dimension includes duct and cover.

WIRING DUCT TOOLS AND ACCESSORIES

Panduit offers a selection of Panduct® Tools and Accessories to aid cutting, modifying, and installing wiring duct.



Some of the features and benefits found in Panduct® Tools and Accessories include:

- Wide selection of hand tools for cutting and installing wiring duct
- Snap-in wire retainers to retain cabling when the cover is removed or during cable installation
- Divider walls that mount within the duct, enabling multiple channels to be created within a duct channel
- Corner strips hold corners rigid at t-junctions in control panel applications
- Mounting clips provide an alternative method to mount the duct and allow the duct to be more easily removed

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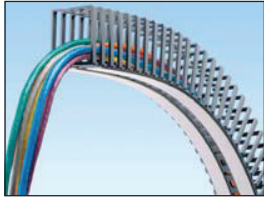
A. System Overview

UL® ENEC® Panduit® Type FL Flexible Wiring Duct

- Material: Flexible Polypropylene
- UL 94 flammability rating of V-2
- UL Recognized continuous use temperature: 149°F (65°C)
- Factory applied adhesive tape provided for easy positioning**

B1. Cable Ties

B2. Cable Accessories



B3. Stainless Steel Ties

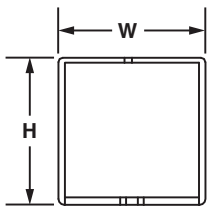
Part Number	Duct Size (W x H)*		Length		Std. Pkg. Qty.
	In.	mm	In.	mm	
FL12X12LG-A	.49 x .49	12.5 x 12.5	19.7	500	112
FL25X25LG-A	.98 x .98	25.0 x 25.0	19.7	500	70
FL50X50LG-A	1.97 x 1.97	50.0 x 50.0	19.7	500	32

Available in LG (RAL 7040 Light Gray) color only. Unit of measure is pieces.

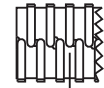
**H" dimension includes duct and cover.

**Adhesive tape is not meant for permanent mounting of wiring duct. One mounting hole on each end will be exposed for permanent mounting with fasteners. For best results, wiring duct should be applied to clean, dry, grease-free surfaces. We recommend the surface be cleaned prior to wiring duct installation.

C1. Wiring Duct



→ .20 TYP [5.0]



→ .25 TYP [6.2]

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

Panduit® Divider Wall

- Wiring duct divider wall can be mounted inside any type of Panduit PVC wiring duct to create multiple channels
- Meets UL508/508A insulation material requirement for barrier between conductors
- Simply install the divider wall base when mounting the duct and snap the divider wall onto the mounting base
- UL 94 flammability rating of V-0
- All versions snap onto DB-C mounting base
- Material: Lead-free PVC
- Divider wall heights 2" and greater have a scoreline feature allowing sections to be removed leaving a smooth edge

D1. Terminals

D2. Power Connectors



DB-C

D3. Grounding Connectors

Part Number	Used with Anchors	Std. Pkg. Qty.	Std. Ctn. Qty.
Panduit® Divider Wall Mounting Base			
DB-C	Panduit NR1 or #8, #10, M4 or M5 screw	100	1000

E1. Labeling Systems



D*H6 and D*H2

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification



SD*H6

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	For Nominal Duct Height		Length		Color	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	Ft.	m			

Panduit® Solid Divider Wall

D2H6	2.00	50	6	—	Light Gray	6	120
D3H6	3.00	75	6	—	Light Gray	6	120
D4H6	4.00	100	6	—	Light Gray	6	120
D2HWH6	2.00	50	6	—	White	6	120
D3HWH6	3.00	75	6	—	White	6	120
D4HWH6	4.00	100	6	—	White	6	120

Panduit® Slotted Divider Wall

SD2H6	2.00	50	6	—	Light Gray	6	120
SD3H6	3.00	75	6	—	Light Gray	6	120
SD4H6	4.00	100	6	—	Light Gray	6	120
SD2HWH6	2.00	50	6	—	White	6	120
SD3HWH6	3.00	75	6	—	White	6	120
SD4HWH6	4.00	100	6	—	White	6	120

Note: Must be used with mounting base, DB-C (see page C1.26) which is sold separately. Install mounting bases to the duct channel, locate within 2" of each divider wall end and at least every 12" along the length.

Panduct® Type NNC Divider Wall

- NNC solid divider wall can be mounted inside NNC and NE wiring duct to create multiple channels
- Material: Halogen-free modified polyphenylene oxide (mPPO)

- Simply install the divider wall base when mounting the duct and snap the divider wall onto mounting base, DB-C



Part Number	For Nominal Duct Height		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm		
NNC50DWH2	2.00	50	2	40
NNC75DWH2	3.00	75	2	40

Available in WH (White) color only.

NOTE: Must be used with mounting base DB-C (see page C1.26), which is sold separately. Install mounting bases to the duct channel, locate within 2" of each divider wall end and at least every 12" along the length.

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A. System Overview

Panduit® Type G and H Wiring Duct Wire Retainers

B1. Cable Ties

- Insert between fingers of type G and H to contain wiring when cover is removed
- Adjustable height
- Material: ABS

B2. Cable Accessories



B3. Stainless Steel Ties

Part Number	For Duct Width In. (mm)	For Duct Height In. (mm)	Std. Pkg. Qty.	Std. Ctn. Qty.
WR2-C	2.00 (50.8)	2.00 – 4.00 (50.8 – 101.6)	100	1000
WR2H-C	2.00 (50.8)	2.00 – 4.00 (50.8 – 101.6)	100	1000
WR3-C	3.00 (76.2)	2.00 – 4.00 (50.8 – 101.6)	100	1000
WR4-C	4.00 (101.6)	2.00 – 4.00 (50.8 – 101.6)	100	1000
WR5-C	Use with: 3x5, 4x5, or 6x4	Use with: 3x5, 4x5, or 6x4	100	1000

*For 2" width type H hinged cover wiring duct use part number WR2H-C.

C1. Wiring Duct



C2. Surface Raceway

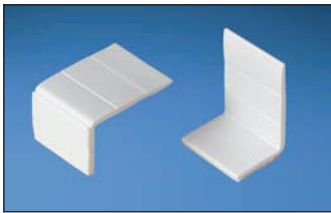
C3. Abrasion Protection

C4. Cable Management

Panduit® Solid Wall Raceway Type FS and Type D Wiring Duct Wire Retainer

- Mounts onto walls of type FS raceway or type D duct with pressure sensitive adhesive
- Full length is used with 2 inch wide duct; for small widths, break off segments at scorelines
- One size fits three different duct widths
- Material: Lead-free PVC

D1. Terminals

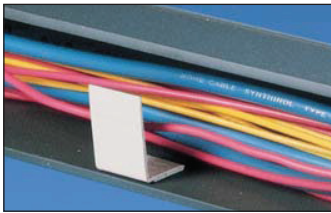


D2. Power Connectors

Part Number	For Duct Width In. (mm)	Std. Pkg. Qty.	Std. Ctn. Qty.
WRS-A-C10	1.00 (25.4) 1.50 (38.1) 2.00 (50.8)	100	1000

Full length is used with 2" wide duct. For smaller widths, break off segments at scorelines.

D3. Grounding Connectors



E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

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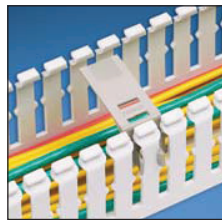
F. Index

Panduct® Type F, HN and MC Duct Wire Retainers/Labeling Device

- Used to contain wiring when cover is removed and can also be used as a labeling device
- FWR-C is compatible with type F and HN duct sizes
- FMWR-C is compatible with type MC duct sizes
- Material: Lead-free PVC



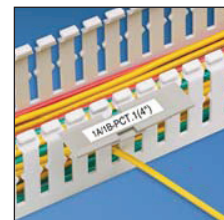
Part Number	Material	For Duct Width		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm		
FWR-C	Rigid PVC	1.50 – 4.00	37.0 – 76.2	100	1000
FMWR-C	Rigid PVC	1.46 – 3.94	37.0 – 100.0	100	1000



Labeling Inside Duct –
Snaps onto duct fingers. Full length for use with 4" wide duct. For smaller widths, break off segments at scorelines.

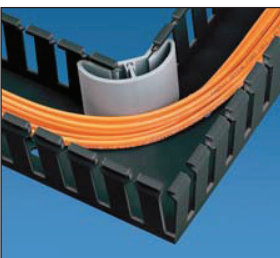


Labeling Outside Duct –
Break off the last segment from wire retainer below 1.5" mark and snap onto the back of the remaining segment. Install label and mount between fingers facing outward.



Panduct® Duct Corner Strip with 1" Bend Radius Control

- Create a strong rigid corner at wiring duct junctions
- Provide bend radius protection for cabling as required in NFPA 79-2007 section 13.1.5.9 and TIA/EIA-568-B and 569-A
- Available in 6 foot lengths that can be cut to size to meet any size requirement
- Easy to install two-piece design
- Compatible with all styles of Panduit wiring duct
- UL 94 flammability rating of V-0
- Material: Lead-free PVC



Part Number	Part Description	For Duct Height		Color	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm			
CSC1LG6	Cut-to-size 6 foot corner strip with a 1" bend radius.	All sizes (Cut to height)*	All sizes (Cut to height)*	Light Gray	6	120

Order number of feet required, in multiples of 6' or Standard Package Quantity.
*Refer to Cutting Guide on page C1.30.

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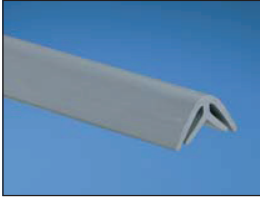
A. System Overview

Panduit® Duct Corner Strip

B1. Cable Ties

- Slide onto duct at corner or t-junctions for smooth, round corners
- Available in 6 foot lengths that can be cut to size to meet any requirement
- Easy to install one-piece design
- Compatible with all styles of Panduit wiring duct
- UL 94 flammability rating of V-0
- Material: Lead-free PVC

B2. Cable Accessories



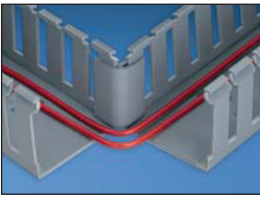
CS1LG6

B3. Stainless Steel Ties

Part Number	Part Description	For Nominal Duct Height		Color	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm			
6' Lengths for use with all Types of PVC Wiring Duct						
CS1LG6	6 foot length is cut by user to fit duct height.	All sizes (Cut to height)*	All sizes (Cut to height)*	Light Gray	6	120

*Refer to Cutting Guide below.

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

Cutting Guide for Duct Corner Strips (CSC1**6, CS1**6)

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Used with Duct Height	Cut-to-Size*	Used with Metric Duct Height	Cut-to-Size*
1 inch	.47" (11.9)	25mm	.43" (10.9)
1.5 inch	1.04" (26.4)	37mm	.91" (23.1)
2 inch	1.23" (31.2)	50mm	1.39" (35.3)
2.5 inch	1.97" (50.0)	62mm	1.85" (47.0)
3 inch	2.27" (57.7)	75mm	2.38" (60.5)
4 inch	3.25" (82.5)	100mm	3.35" (85.1)
5 inch	4.47" (113.5)		

*Cut-to-size measure fits into the flat area of the duct sidewall.

Panduct® Snap-Clip Mounting Brackets

- Duct easily snaps into bracket
- No mounting holes required in duct
- Ensures no metal is inside the duct
- Snap-clip spacing is not critical
- Simplifies fabrication drawings and panel layout
- Material: Spring steel



Part Number	Screw Required	For Duct Width		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm		
Snap-Clip Mounting Brackets for use with Types G, F, FS and D Wiring Duct					
S1F-C	#8-32 x 1/4 (Provided)	1.00	25.4	100	1000
S1.5F-C	#8-32 x 1/4 (Provided)	1.50	38.1	100	1000
S2F-C	#8-32 x 1/4 (Provided)	2.00	50.8	100	1000
S3F-C	#8-32 x 1/4 (Provided)	3.00	76.2	100	1000
S4F-C	#8-32 x 1/4 (Provided)	4.00	101.6	100	1000
Snap-Clip Mounting Brackets for use with Types MC and NNC Wiring Duct					
SNS25F-C	#8-32 x 1/4 (User Supplied)	1.00	25	100	1000
SNS37F-C	#8-32 x 1/4 (User Supplied)	1.50	37	100	1000
SNS50F-C	#8-32 x 1/4 (User Supplied)	2.00	50	100	1000
SNS62F-C	#8-32 x 1/4 (User Supplied)	2.50	62	100	1000
SNS75F-C	#8-32 x 1/4 (User Supplied)	3.00	75	100	1000

Panduct® Snap-Clip Mounting Bracket – Type NE Wiring Duct

- Duct easily snaps into bracket
- Ensures no metal is inside the duct
- Snap-clip spacing is not critical
- Simplifies fabrication drawings and panel layout
- Material: Spring steel



Part Number	Screw Required	For Duct Width		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm		
SNS.5-C	#6-32 x 1/4 (User Supplied)	.50	12.7	100	1000
SNS.75-C	#6-32 x 1/4 (User Supplied)	.75	19.1	100	1000
SNS1-C	#8-32 x 1/4 (User Supplied)	1.00	25.4	100	1000
SNS1.5-C	#8-32 x 1/4 (User Supplied)	1.50	38.1	100	1000
SNS2-C	#8-32 x 1/4 (User Supplied)	2.00	50.8	100	1000
SNS3-C	#8-32 x 1/4 (User Supplied)	3.00	76.2	100	1000

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Adhesive Tape for Wiring Duct

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Cable Ties

- Recommended installation temperature is 70°F (21°C)
- UL Recognized service temperature is 32°F (0°C) to 140°F (60°C)
- Optimum recommended dwell time for acrylic adhesive is 8 hours
- Recommended tape load is 1/2 lb. per square inch of tape area

B2.
Cable
Accessories



B3.
Stainless
Steel Ties

Duct Size (W x H)	Tape Part Number	Roll Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		Yds.	m		
.5 x .5 thru 1.5 x 4	P32W2A2-50-7	7.0	6.4	1	100
	P32W2A2-50-72	72.0	65.5	1	9
2 x 1 thru 3 x 3	P32W2A2-50-7	7.0	6.4	1	100
	P32W2A2-50-72	72.0	65.5	1	9
3 x 4 thru 3 x 5	P32W2A2-75-7	7.0	6.4	1	60
	P32W2A2-75-72	72.0	65.5	1	7
4 x 1.5 thru 4 x 3	P32W2A2-50-7	7.0	6.4	1	100
	P32W2A2-75-72	72.0	65.5	1	9
4 x 4 thru 6 x 4	P32W2A2-75-7	7.0	6.4	1	60
	P32W2A2-75-72	72.0	65.5	1	7

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Specifications for Factory Applied Tape

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Duct Size (W x H)	Rows of Tape	Tape			
		Width		Thickness	
		In.	mm	In.	mm
.5 x .5 through .75 x 2	1	.50	12.7	.03	.8
1 x 1 through 1.5 x 4	1	.75	19.1	.03	.8
2 x 1 through 3 x 3	2	.50	12.7	.03	.8
3 x 4 through 3 x 5	2	.75	19.1	.03	.8
4 x 1.5 through 4 x 3	2	.50	12.7	.03	.8
4 x 4 through 6 x 4	2	.75	19.1	.03	.8

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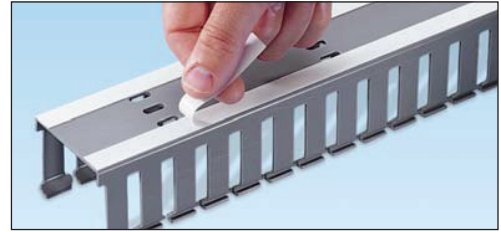
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Adhesive Tape Guide

Selection of wiring duct part numbers available with factory applied adhesive tape.



G Duct Light Gray	G Duct White	G Duct Black	F Duct Light Gray	F Duct White	FS Duct Light Gray	FS Duct White	FS Duct Black	NE Duct White
G.5X.5LG6-A	G.5X.5WH6-A	—	F.5X.5LG6-A	—	—	—	—	—
G.5X1LG6-A	G.5X1WH6-A	—	F.5X1LG6-A	—	—	—	—	—
G.75X.75LG6-A	—	—	F.75X.75LG6-A	—	—	—	—	—
G.75X1LG6-A	G.75X1WH6-A	—	—	—	—	—	—	—
G.75X1.5LG6-A	G.75X1.5WH6-A	—	F.75X1.5LG6-A	—	—	—	—	—
G.75X2LG6-A	G.75X2WH6-A	—	—	—	—	—	—	—
G1X1LG6-A	G1X1WH6-A	—	F1X1LG6-A	—	—	FS1X1WH6-A FS1X1WH6NM-A	—	—
G1X1.5LG6-A	G1X1.5WH6-A	—	F1X1.5LG6-A	—	FS1X1.5LG6-A	—	—	—
G1X2LG6-A	G1X2WH6-A	—	F1X2LG6-A	F1X2WH6-A	—	—	—	—
G1X3LG6-A	G1X3WH6-A	G1X3BL6-A	F1X3LG6-A	F1X3WH6-A	—	—	—	—
G1X4LG6-A	G1X4WH6-A	—	F1X4LG6-A	F1X4WH6-A	—	—	—	—
G1.5X1LG6-A	G1.5X1WH6-A	—	F1.5X1LG6-A	—	—	—	—	—
G1.5X1.5LG6-A	G1.5X1.5WH6-A	—	F1.5X1.5LG6-A	—	FS1.5X1.5LG6-A	FS1.5X1.5WH6-A	FS1.5X1.5BL6-A	—
G1.5X2LG6-A	G1.5X2WH6-A	—	F1.5X2LG6-A	—	—	—	—	NE1.5X2WH6-A
G1.5X3LG6-A	G1.5X3WH6-A	—	F1.5X3LG6-A	F1.5X3WH6-A	—	—	—	—
G1.5X4LG6-A	G1.5X4WH6-A	—	F1.5X4LG6-A	F1.5X4WH6-A	—	—	—	—
G2X1LG6-A	G2X1WH6-A	—	F2X1LG6-A	—	—	—	—	—
G2X1.5LG6-A	G2X1.5WH6-A	—	F2X1.5LG6-A	—	—	—	—	—
G2X2LG6-A	G2X2WH6-A	G2X2BL6-A	F2X2LG6-A	F2X2WH6-A	—	—	—	NE2X2WH6-A
G2X3LG6-A	G2X3WH6-A	—	F2X3LG6-A	F2X3WH6-A	—	—	—	—
G2X4LG6-A	G2X4WH6-A	G2X4BL6-A	F2X4LG6-A	F2X4WH6-A	—	—	—	—
G2X5LG6-A	G2X5WH6-A	—	F2X5LG6-A	—	—	—	—	—
G2.5X3LG6-A	G2.5X3WH6-A	—	—	—	—	—	—	—
G3X1LG6-A	G3X1WH6-A	—	F3X1LG6-A	—	—	—	—	—
G3X2LG6-A	G3X2WH6-A	—	F3X2LG6-A	—	—	—	—	—
G3X3LG6-A	G3X3WH6-A	G3X3BL6-A	F3X3LG6-A	F3X3WH6-A	—	—	—	—
G3X4LG6-A	G3X4WH6-A	—	F3X4LG6-A	F3X4WH6-A	—	—	—	—
G3X5LG6-A	G3X5WH6-A	—	F3X5LG6-A	—	—	—	—	—
G4X1.5LG6-A	G4X1.5WH6-A	—	—	—	—	—	—	—
G4X2LG6-A	G4X2WH6-A	—	F4X2LG6-A	—	—	—	—	NE4X2WH6-A
G4X3LG6-A	G4X3WH6-A	—	F4X3LG6-A	F4X3WH6-A	—	—	—	NE4X3WH6-A
G4X4LG6-A	G4X4WH6-A	G4X4BL6-A	F4X4LG6-A	F4X4WH6-A	—	—	—	NE4X4WH6-A
G4X5LG6-A	G4X5WH6-A	—	F4X5LG6-A	—	—	—	—	—
—	—	—	—	—	FS6X4LG6-A	—	—	—

All three sizes of flexible duct come provided with adhesive: FL12X12LG-A, FL25X25LG-A, FL50X50LG-A.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

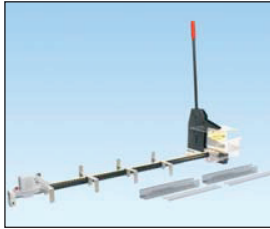
Panduct® Installation Tools

B1. Cable Ties

- Panduit® Panduct® Bench Mount Wiring Duct Cutting Tool and Duct Cutting Tool easily cut Panduct® Wiring Duct and Cover
- DNT-100 notches duct sidewalls to bottom scoreline for tees and corner junctions

- TNR installs or removes Panduit nylon rivets, NR1-C and NR1-M, quickly and easily
- DFCT easily removes duct fingers in tight spaces

B2. Cable Accessories



PBDCT

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway



DCT



DFCT

C3. Abrasion Protection



DNT-100



TNR

C4. Cable Management

D1. Terminals



NR1

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Part Description	Std. Pkg. Qty
-------------	------------------	---------------

Duct Cutting Tools

PBDCT	Panduit bench-mount duct cutting tool. Cuts slotted wiring ducts and wiring duct covers with up to 6" width and up to 5" height. Full 78.74" (2 meter) measuring scale. Includes safety guarding.	1
DCT	Hand-held duct cutting tool.	1

Replacement Blade Kit (includes blade and nylon insert)

DCT-BLD	Replacement blade kit with blade and nylon insert.	1
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Replacement Nylon Insert

DCT-RI	Replacement nylon insert.	5
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Duct Finger Cutting Tool (For use with all wide slotted duct types)

DFCT	Hand-held duct finger cutting tool.	1
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Duct Notching Tool (For use with all wide slotted duct types)

DNT-100	Hand-held sidewall notching tool.	1
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Nylon Rivet Installation Tool

TNR	Hand-held nylon rivet installation tool.	1
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Nylon Rivets

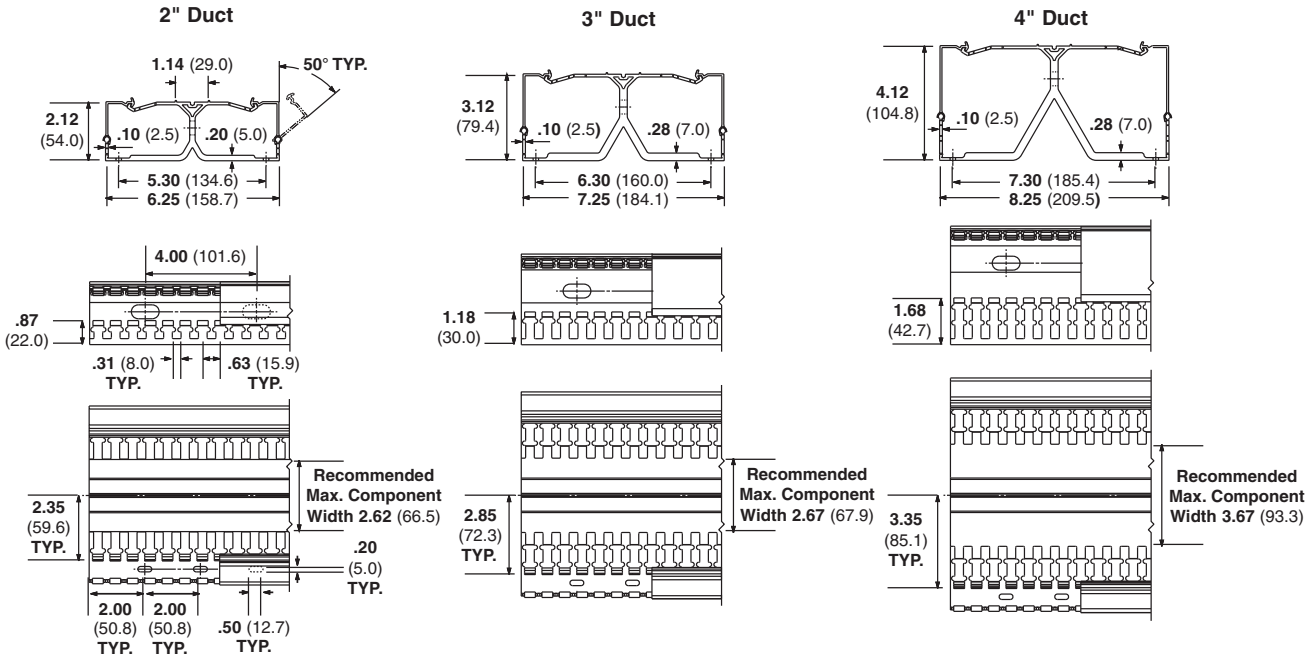
NR1-C	Nylon rivet for use with TNR rivet tool. Mean pull-off force PVC: 90 lbs. Type NE/Type NNC: 70 lbs. Mean shear force: PVC 139 lbs. Type NE/Type NNC: 126 lbs.	100
NR1-M	Nylon rivet for use with TNR rivet tool. Mean pull-off force PVC: 90 lbs. Type NE/Type NNC: 70 lbs. Mean shear force: PVC 139 lbs. Type NE/Type NNC: 126 lbs.	1000

Always use approved safety goggles when using any tools.

Total Thickness of Panel and Duct		Panel Hole Dia. Needed		ANSI Standard Drill Bit
In.	mm	In.	mm	
.158 – .187	4.0 – 4.7	.187	4.7	#15
.188 – .218	4.8 – 5.5	.193	4.9	#11
.219 – .250	5.6 – 6.4	.203	5.2	#7
.251 – .281	6.5 – 7.1	.213	5.4	#4

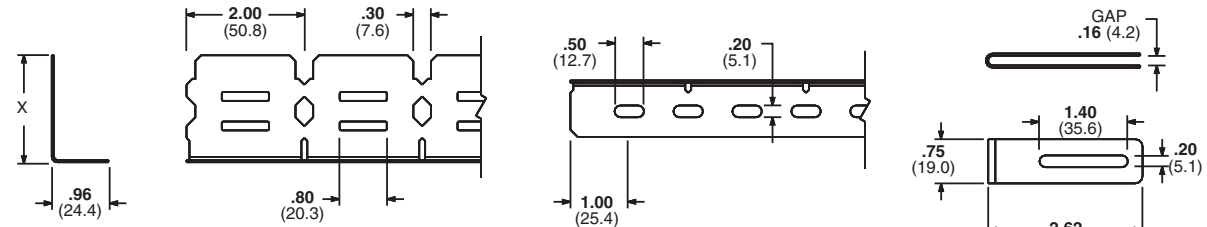
Panduit® PanelMax™ DIN Rail Wiring Duct Dimensions

Dimensions are shown for reference only. Contact Panduit Customer Service at 800-777-3300 for specific dimensional needs.



Panduit® PanelMax™ Noise Shield Dimensions

Dimensions are shown for reference only. Contact Panduit Customer Service at 800-777-3300 for specific dimensional needs.



Part No.	X
SD2EMI	1.82 (46.1)
SD3EMI	2.88 (73.2)
SD4EMI	3.86 (98.2)

Sidewall: SD2EMI shown. SD3EMI, SD4EMI sidewall feature two pairs of cable tie slots per section.

Bottom view.

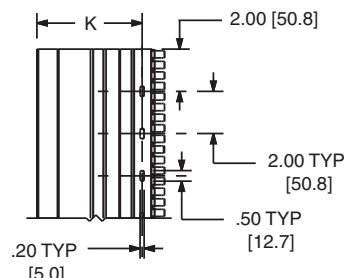
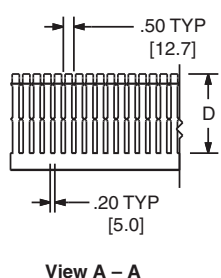
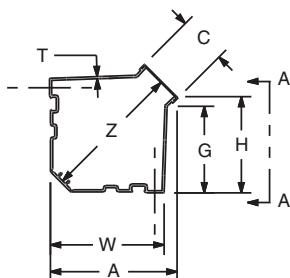
Bonding clip (for use with wiring duct).

All dimension shown in inches (mm).

Panduit® PanelMax™ Corner Wiring Duct Dimensions

Dimensions are shown for reference only. Contact Panduit Customer Service at 800-777-3300 for specific dimensional needs.

Size	Dimensions – Inches (mm)								
	A	C	D	G	H	K	T	W	Z
CWD3	4.98 (126.6)	2.25 (57.2)	2.83 (71.8)	3.10 (79.1)	3.57 (90.7)	3.95 (100.4)	.10 (2.4)	4.40 (111.8)	5.16 (131.0)
CWD4	5.94 (150.9)	2.25 (57.2)	3.84 (97.5)	4.10 (104.1)	4.58 (115.7)	4.89 (124.3)	.11 (2.7)	5.33 (135.3)	6.54 (166.0)



Panduit® Type G and D Wiring Duct Dimensions

Dimensions are shown for reference only. Contact Panduit Customer Service at 800-777-3300 for specific dimensional needs.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

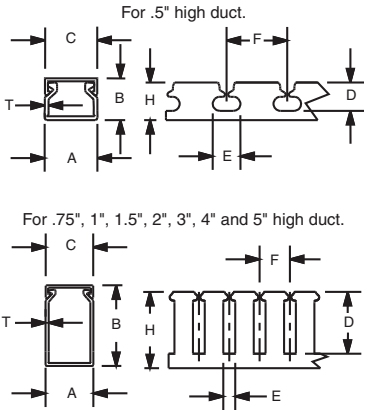
E2. Labels

E3. Pre-Printed & Write-On Markers

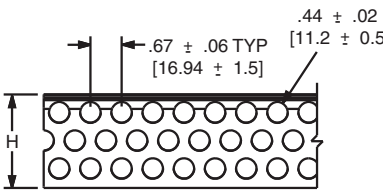
E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

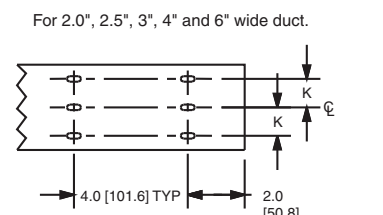
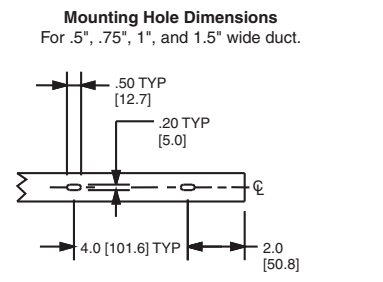
F. Index



Note: 'A' dimension is measured at base.
Note: 'K' dimension shown in mounting hole dimensions below.



For 2" duct height = 3 rows of holes
3" duct height = 4 rows of holes
4" duct height = 6 rows of holes

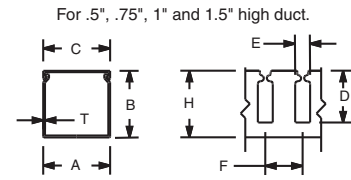


Duct Size (W x H)	Dimensions – Inches (mm)								
	A	B	C	D	E	F	H	K	T
.5 x .5 (12.7) x (12.7)	.69 (17.5)	.60 (15.2)	.69 (17.5)	.38 (9.5)	.37 (9.3)	.80 (20.3)	.50 (12.7)	ON CENTERLINE	.05 (1.3)
.5 x 1 (12.7) x (25.4)	.69 (17.5)	1.06 (26.9)	.69 (17.5)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.05 (1.3)
.5 x 2 (12.7) x (50.8)	.69 (17.5)	2.03 (51.6)	.69 (17.5)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.08 (2.0)
.75 x .75 (19.1) x (19.1)	.93 (23.6)	.82 (20.8)	.94 (23.9)	.56 (14.3)	.31 (7.9)	.80 (20.3)	0.75 (19.1)		.06 (1.4)
.75 x 1 (19.1) x (25.4)	.93 (23.6)	1.06 (26.9)	.94 (23.9)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.06 (1.4)
.75 x 1.5 (19.1) x (38.1)	.93 (23.6)	1.57 (39.9)	.94 (23.9)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)		.07 (1.8)
.75 x 2 (19.1) x (50.8)	.93 (23.6)	2.03 (51.6)	.94 (23.9)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.08 (2.0)
1 x 1 (25.4) x (25.4)	1.26 (32.0)	1.12 (28.4)	1.25 (31.8)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.06 (1.4)
1 x 1.5 (25.4) x (38.1)	1.26 (32.0)	1.62 (41.1)	1.25 (31.8)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)		.07 (1.8)
1 x 2 (25.4) x (50.8)	1.26 (32.0)	2.12 (53.8)	1.25 (31.8)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.08 (2.0)
1 x 3 (25.4) x (76.2)	1.26 (32.0)	3.12 (79.2)	1.25 (31.8)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		.10 (2.4)
1 x 4 (25.4) x (101.6)	1.26 (32.0)	4.10 (104.1)	1.25 (31.8)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)		.11 (2.7)
1.5 x 1 (38.1) x (25.4)	1.75 (44.5)	1.12 (28.4)	1.75 (44.5)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.06 (1.5)
1.5 x 1.5 (38.1) x (38.1)	1.75 (44.5)	1.62 (41.1)	1.75 (44.5)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)		.07 (1.8)
1.5 x 2 (38.1) x (50.8)	1.75 (44.5)	2.12 (53.8)	1.75 (44.5)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.08 (2.0)
1.5 x 3 (38.1) x (76.2)	1.75 (44.5)	3.12 (79.2)	1.75 (44.5)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		.10 (2.4)
1.5 x 4 (38.1) x (101.6)	1.75 (44.5)	4.10 (104.1)	1.75 (44.5)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)		.11 (2.7)
2 x 1 (50.8) x (25.4)	2.25 (57.2)	1.12 (28.4)	2.25 (57.2)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.06 (1.5)
2 x 1.5 (50.8) x (38.1)	2.25 (57.2)	1.62 (41.1)	2.25 (57.2)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)		.07 (1.8)
2 x 2 (50.8) x (50.8)	2.25 (57.2)	2.12 (53.8)	2.25 (57.2)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.08 (2.0)
2 x 3 (50.8) x (76.2)	2.25 (57.2)	3.12 (79.2)	2.25 (57.2)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		.10 (2.4)
2 x 4 (50.8) x (101.6)	2.25 (57.2)	4.10 (104.1)	2.25 (57.2)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)		.11 (2.7)
2.5 x 3 (63.5) x (76.2)	2.75 (69.9)	3.12 (79.2)	2.75 (69.9)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		.10 (2.5)
3 x 1 (76.2) x (25.4)	3.25 (82.6)	1.12 (28.4)	3.25 (82.6)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.07 (1.8)
3 x 2 (76.2) x (50.8)	3.25 (82.6)	1.62 (41.1)	3.25 (82.6)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.08 (2.0)
3 x 3 (76.2) x (76.2)	3.25 (82.6)	2.12 (53.8)	3.25 (82.6)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	1.00 (25.4)		.10 (2.4)
3 x 4 (76.2) x (101.6)	3.25 (82.6)	3.12 (79.2)	3.25 (82.6)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	1.00 (25.4)		.11 (2.7)
3 x 5 (76.2) x (127.0)	3.25 (82.6)	4.10 (104.1)	3.25 (82.6)	4.63 (117.5)	.31 (7.9)	1.00 (25.4)	1.00 (25.4)		.12 (2.9)
4 x 1.5 (101.6) x (38.1)	4.25 (108.0)	1.62 (41.1)	4.25 (108.0)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)	.07 (1.8)	
4 x 2 (101.6) x (50.8)	4.25 (108.0)	2.12 (53.8)	4.25 (108.0)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)	.08 (2.0)	
4 x 3 (101.6) x (76.2)	4.25 (108.0)	3.12 (79.2)	4.25 (108.0)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	1.50 (38.1)	.10 (2.5)	
4 x 4 (101.6) x (101.6)	4.25 (108.0)	4.10 (104.1)	4.25 (108.0)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	2.00 (50.8)	.11 (2.7)	
4 x 5 (101.6) x (127.0)	4.25 (108.0)	5.10 (129.5)	4.25 (108.0)	4.63 (117.5)	.31 (7.9)	1.00 (25.4)	2.00 (50.8)	.12 (2.9)	
6 x 4 (152.4) x (101.6)	6.25 (158.8)	4.15 (105.4)	6.25 (158.8)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	2.50 (63.5)	.11 (2.8)	

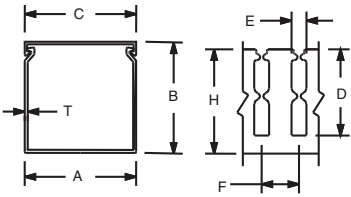
> Available for type G wiring duct only.
See page C1.13 and C1.17 for wiring duct color and size availability.

Panduct® Type F Wiring Duct and FS Raceway Dimensions

Dimensions are shown for reference only. Contact Panduit Customer Service at 800-777-3300 for specific dimensional needs.

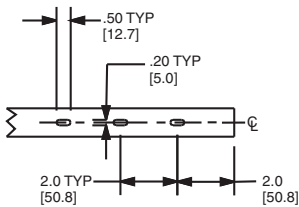


For .5", .75", 1" and 1.5" high duct.

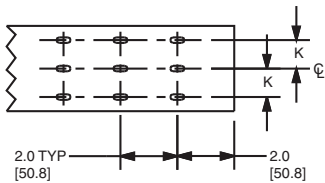


For 2", 3", 4" and 5" high duct.
Note: 'A' dimension is measured at base.
Note: 'K' dimension shown in mounting hole dimensions below.

Mounting Hole Dimensions
For .5", .75", 1" and 1.5" wide duct.



For 2.0", 2.5", 3", 4" and 6" wide duct.



Note: For type FS raceway, no mounting holes is the standard condition; if mounting holes are required, delete NM from the part number.

Duct Size (W x H)	Dimensions – Inches (mm)								
	A	B	C	D	E	F	H	K	T
.5 x .5 (12.7) x (12.7)	.69 (17.5)	.60 (15.2)	.69 (17.5)	.38 (9.5)	.20 (5.0)	.50 (12.7)	.50 (12.7)		.05 (1.3)
.5 x 1 (12.7) x (25.4)	.69 (17.5)	1.06 (26.9)	.69 (17.5)	.75 (19.1)	.20 (5.0)	.50 (12.7)	1.00 (25.4)		.05 (1.3)
.75 x .75 (19.1) x (19.1)	.93 (23.6)	.82 (20.8)	.94 (23.9)	.56 (14.3)	.20 (5.0)	.50 (12.7)	.75 (19.1)		.06 (1.4)
.75 x 1.5 (19.1) x (38.1)	.93 (23.6)	1.57 (39.9)	.94 (23.9)	1.20 (30.5)	.20 (5.0)	.50 (12.7)	1.50 (38.1)		.07 (1.8)
1 x 1 (25.4) x (25.4)	1.26 (32.0)	1.12 (28.4)	1.25 (31.8)	.75 (19.1)	.20 (5.0)	.50 (12.7)	1.00 (25.4)		.06 (1.4)
1 x 1.5 (25.4) x (38.1)	1.26 (32.0)	1.62 (41.1)	1.25 (31.8)	1.20 (30.5)	.20 (5.0)	.50 (12.7)	1.50 (38.1)		.07 (1.8)
1 x 2 (25.4) x (50.8)	1.26 (32.0)	2.12 (53.8)	1.25 (31.8)	1.63 (41.3)	.20 (5.0)	.50 (12.7)	2.00 (50.8)		.08 (2.0)
1 x 3 (25.4) x (76.2)	1.26 (32.0)	3.12 (79.2)	1.25 (31.8)	2.63 (66.7)	.20 (5.0)	.50 (12.7)	3.00 (76.2)		.10 (2.4)
1 x 4 (25.4) x (101.6)	1.26 (32.0)	4.10 (104.1)	1.25 (31.8)	3.63 (92.1)	.20 (5.0)	.50 (12.7)	4.00 (101.6)		.11 (2.7)
1.5 x 1 (38.1) x (25.4)	1.75 (44.5)	1.12 (28.4)	1.75 (44.5)	.75 (19.1)	.20 (5.0)	.50 (12.7)	1.00 (25.4)		.06 (1.5)
1.5 x 1.5 (38.1) x (38.1)	1.75 (44.5)	1.62 (41.1)	1.75 (44.5)	1.20 (30.5)	.20 (5.0)	.50 (12.7)	1.50 (38.1)		.07 (1.8)
1.5 x 2 (38.1) x (50.8)	1.75 (44.5)	2.12 (53.8)	1.75 (44.5)	1.63 (41.3)	.20 (5.0)	.50 (12.7)	2.00 (50.8)		.08 (2.0)
1.5 x 3 (38.1) x (76.2)	1.75 (44.5)	3.12 (79.2)	1.75 (44.5)	2.63 (66.7)	.20 (5.0)	.50 (12.7)	3.00 (76.2)		.10 (2.4)
1.5 x 4 (38.1) x (101.6)	1.75 (44.5)	4.10 (104.1)	1.75 (44.5)	3.63 (92.1)	.20 (5.0)	.50 (12.7)	4.00 (101.6)		.11 (2.7)
2 x 1 (50.8) x (25.4)	2.25 (57.2)	1.12 (28.4)	2.25 (57.2)	.75 (19.1)	.20 (5.0)	.50 (12.7)	1.00 (25.4)	.50 (12.7)	.06 (1.5)
2 x 1.5 (50.8) x (38.1)	2.25 (57.2)	1.62 (41.1)	2.25 (57.2)	1.20 (30.5)	.20 (5.0)	.50 (12.7)	1.50 (38.1)	.50 (12.7)	.07 (1.8)
2 x 2 (50.8) x (50.8)	2.25 (57.2)	2.12 (53.8)	2.25 (57.2)	1.63 (41.3)	.20 (5.0)	.50 (12.7)	2.00 (50.8)	.50 (12.7)	.08 (2.0)
2 x 3 (50.8) x (76.2)	2.25 (57.2)	3.12 (79.2)	2.25 (57.2)	2.63 (66.7)	.20 (5.0)	.50 (12.7)	3.00 (76.2)	.50 (12.7)	.10 (2.4)
2 x 4 (50.8) x (101.6)	2.25 (57.2)	4.10 (104.1)	2.25 (57.2)	3.63 (92.1)	.20 (5.0)	.50 (12.7)	4.00 (101.6)	.50 (12.7)	.11 (2.7)
2 x 5 (50.8) x (127.0)	2.25 (57.2)	5.10 (129.5)	2.25 (57.2)	4.63 (117.5)	.20 (5.0)	.50 (12.7)	5.00 (127.0)	.50 (12.7)	.12 (2.9)
3 x 1 (76.2) x (25.4)	3.25 (82.6)	1.12 (28.4)	3.25 (82.6)	.75 (19.1)	.20 (5.0)	.50 (12.7)	1.00 (25.4)	1.00 (25.4)	.07 (1.7)
3 x 2 (76.2) x (50.8)	3.25 (82.6)	2.12 (53.8)	3.25 (82.6)	1.63 (41.3)	.20 (5.0)	.50 (12.7)	2.00 (50.8)	1.00 (25.4)	.08 (2.0)
3 x 3 (76.2) x (76.2)	3.25 (82.6)	3.12 (79.2)	3.25 (82.6)	2.63 (66.7)	.20 (5.0)	.50 (12.7)	3.00 (76.2)	1.00 (25.4)	.10 (2.4)
3 x 4 (76.2) x (101.6)	3.25 (82.6)	4.10 (104.1)	3.25 (82.6)	3.63 (92.1)	.20 (5.0)	.50 (12.7)	4.00 (101.6)	1.00 (25.4)	.11 (2.7)
3 x 5 (76.2) x (127.0)	3.25 (82.6)	5.10 (129.5)	3.25 (82.6)	4.63 (117.5)	.20 (5.0)	.50 (12.7)	5.00 (127.0)	1.00 (25.4)	.12 (2.9)
4 x 1.5 (101.6) x (38.1)	4.25 (108.0)	1.62 (41.1)	4.25 (108.0)	N/A	N/A	N/A	1.50 (38.1)	N/A	.07 (1.8)
4 x 2 (101.6) x (50.8)	4.25 (108.0)	2.12 (53.8)	4.25 (108.0)	1.63 (41.3)	.20 (5.0)	.50 (12.7)	2.00 (50.8)	1.50 (38.1)	.08 (2.0)
4 x 3 (101.6) x (76.2)	4.25 (108.0)	3.12 (79.2)	4.25 (108.0)	2.63 (66.7)	.20 (5.0)	.50 (12.7)	3.00 (76.2)	1.50 (38.1)	.10 (2.4)
4 x 4 (101.6) x (101.6)	4.25 (108.0)	4.10 (104.1)	4.25 (108.0)	3.63 (92.1)	.20 (5.0)	.50 (12.7)	4.00 (101.6)	1.50 (38.1)	.11 (2.7)
4 x 5 (101.6) x (127.0)	4.25 (108.0)	5.10 (129.5)	4.25 (108.0)	4.63 (117.5)	.20 (5.0)	.50 (12.7)	5.00 (127.0)	1.50 (38.1)	.12 (2.9)
6 x 4 (152.4) x (101.6)	6.25 (158.8)	4.15 (105.4)	6.25 (158.8)	3.63 (92.1)	.20 (5.0)	.50 (12.7)	4.00 (101.6)	2.50 (63.5)	.11 (2.8)

> Available for type FS raceway only.
See page C1.48 for wiring duct color and size availability.

A.
System Overview

B1.
Cable Ties

B2.
Cable Accessories

B3.
Stainless Steel Ties

C1.
Wiring Duct

C2.
Surface Raceway

C3.
Abrasion Protection

C4.
Cable Management

D1.
Terminals

D2.
Power Connectors

D3.
Grounding Connectors

E1.
Labeling Systems

E2.
Labels

E3.
Pre-Printed & Write-On Markers

E4.
Permanent Identification

E5.
Lockout/Tagout & Safety Solutions

F.
Index

Panduit® Type MC Wiring Duct Dimensions

Dimensions are shown for reference only. Contact Panduit Customer Service at 800-777-3300 for specific dimensional needs.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

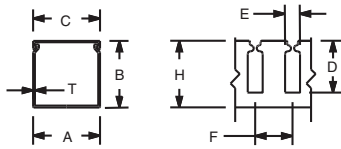
E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

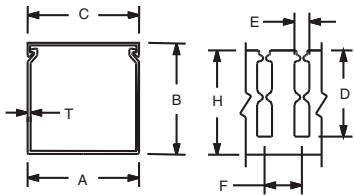
E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

For 25mm, 37.5mm, and 50mm high duct.



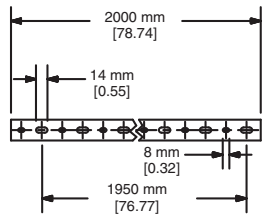
For 62.5mm, 75mm, and 100mm high duct.



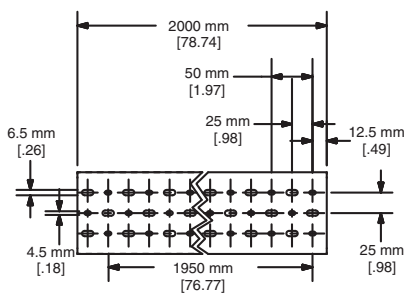
Note: 'A' dimension is measured at base.
Note: 'K' dimension shown in mounting hole dimensions below.

Mounting Hole Dimensions

For 25mm, 37.5mm, and 50mm width duct.



For 75mm and 100mm width duct.

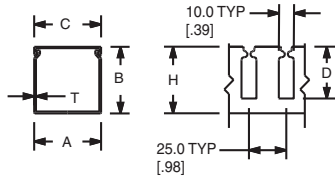


Duct Size (W x H)	Dimensions – mm (Inches)							
	A	B	C	D	E	F	H	T
25 x 25 (.98) x (.98)	24.6 (.97)	23.6 (.93)	24.6 (.97)	13.6 (.54)	5.0 (.20)	12.5 (.49)	20.5 (.81)	1.4 (.06)
25 x 37.5 (.98) x (1.48)	24.6 (.97)	35.8 (1.41)	24.6 (.97)	24.7 (.97)	5.0 (.20)	12.5 (.49)	33.0 (1.30)	1.4 (.06)
25 x 50 (.98) x (1.97)	24.6 (.97)	47.8 (1.88)	24.6 (.97)	34.8 (1.37)	5.0 (.20)	12.5 (.49)	45.5 (1.79)	1.5 (.06)
25 x 62.5 (.98) x (2.46)	24.6 (.97)	59.7 (2.35)	24.6 (.97)	45.8 (1.80)	5.0 (.20)	12.5 (.49)	58.0 (2.28)	1.5 (.06)
25 x 75 (.98) x (2.95)	24.6 (.97)	73.2 (2.88)	24.6 (.97)	57.6 (2.27)	5.0 (.20)	12.5 (.49)	70.5 (2.78)	1.7 (.07)
37.5 x 37.5 (1.48) x (1.48)	37.1 (1.46)	35.8 (1.41)	37.1 (1.46)	24.7 (.97)	5.0 (.20)	12.5 (.49)	33.0 (1.30)	1.5 (.06)
37.5 x 50 (1.48) x (1.97)	37.1 (1.46)	47.8 (1.88)	37.1 (1.46)	34.8 (1.37)	5.0 (.20)	12.5 (.49)	45.5 (1.79)	1.7 (.07)
37.5 x 62.5 (1.48) x (2.46)	37.1 (1.46)	59.7 (2.35)	37.1 (1.46)	45.8 (1.80)	5.0 (.20)	12.5 (.49)	58.0 (2.28)	1.7 (.07)
37.5 x 75 (1.48) x (2.95)	37.1 (1.46)	72.4 (2.85)	37.1 (1.46)	57.6 (2.27)	5.0 (.20)	12.5 (.49)	70.5 (2.78)	1.8 (.07)
50 x 50 (1.97) x (1.97)	49.5 (1.95)	48.0 (1.89)	49.6 (1.95)	34.8 (1.37)	5.0 (.20)	12.5 (.49)	45.5 (1.79)	1.7 (.07)
50 x 75 (1.97) x (2.95)	49.5 (1.95)	72.4 (2.85)	49.6 (1.95)	57.6 (2.27)	5.0 (.20)	12.5 (.49)	70.5 (2.78)	1.9 (.08)
50 x 100 (1.97) x (3.94)	49.5 (1.95)	97.8 (3.85)	49.6 (1.95)	81.0 (3.19)	5.0 (.20)	12.5 (.49)	95.5 (3.76)	2.2 (.09)
62.5 x 62.5 (2.46) x (2.46)	62.0 (2.44)	59.7 (2.35)	62.1 (2.44)	45.8 (1.80)	5.0 (.20)	12.5 (.49)	58.0 (2.28)	1.8 (.07)
75 x 50 (2.95) x (1.97)	74.7 (2.94)	48.0 (1.89)	74.6 (2.94)	34.8 (1.37)	5.0 (.20)	12.5 (.49)	45.5 (1.79)	2.0 (.08)
75 x 62.5 (2.95) x (2.46)	74.7 (2.94)	59.7 (2.35)	74.6 (2.94)	45.8 (1.80)	5.0 (.20)	12.5 (.49)	58.0 (2.28)	2.0 (.08)
75 x 75 (2.95) x (2.95)	74.7 (2.94)	73.2 (2.88)	74.6 (2.94)	57.6 (2.27)	5.0 (.20)	12.5 (.49)	70.5 (2.78)	2.2 (.09)
75 x 100 (2.95) x (3.94)	74.7 (2.94)	97.8 (3.85)	74.6 (2.94)	81.0 (3.19)	5.0 (.20)	12.5 (.49)	95.5 (3.76)	2.3 (.09)
100 x 50 (3.94) x (1.97)	99.6 (3.92)	48.0 (1.89)	99.6 (3.92)	34.8 (1.37)	5.0 (.20)	12.5 (.49)	45.5 (1.79)	2.0 (.08)
100 x 75 (3.94) x (2.95)	99.6 (3.92)	73.2 (2.88)	99.6 (3.92)	57.6 (2.27)	5.0 (.20)	12.5 (.49)	70.5 (2.78)	2.5 (.10)
100 x 100 (3.94) x (3.94)	99.6 (3.92)	97.8 (3.85)	99.6 (3.92)	81.0 (3.19)	5.0 (.20)	12.5 (.49)	99.5 (3.76)	2.5 (.10)

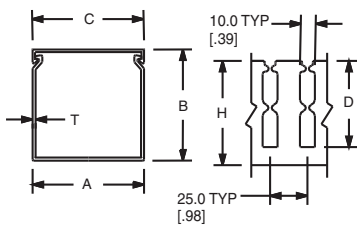
Panduit® Type NNC Wiring Duct Dimensions

Dimensions are shown for reference only. Contact Panduit Customer Service at 800-777-3300 for specific dimensional needs.

For 25mm, 37.5mm, and 50mm high duct.

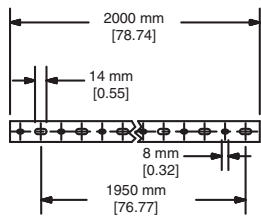


For 75mm and 100mm high duct.

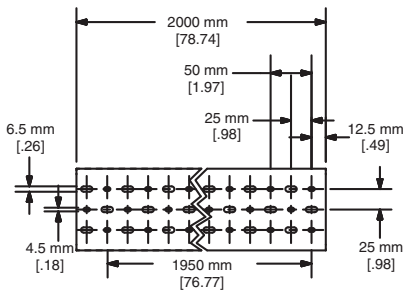


Mounting Hole Dimensions

For 25mm, 37.5mm, and 50mm width duct.



For 75mm and 100mm width duct.



Duct Size (W x H)	Dimensions – mm (Inches)					
	A	B	C	D	H	T
25 x 25 (.98) x (.98)	24.6 (.97)	23.6 (.93)	24.6 (.97)	13.6 (.54)	20.3 (.80)	1.5 (.06)
25 x 37 (.98) x (1.48)	24.6 (.97)	35.8 (1.41)	24.6 (.97)	24.6 (.97)	33.0 (1.30)	1.8 (.07)
25 x 50 (.98) x (1.97)	24.6 (.97)	47.8 (1.88)	24.6 (.97)	34.8 (1.37)	45.5 (1.79)	2.0 (.08)
25 x 75 (.98) x (2.95)	24.6 (.97)	72.4 (2.85)	24.6 (.97)	57.6 (2.27)	70.6 (2.78)	2.0 (.08)
37.5 x 37.5 (1.48) x (1.48)	37.1 (1.46)	35.8 (1.41)	37.1 (1.46)	24.7 (.97)	33.0 (1.30)	1.8 (.07)
37.5 x 50 (1.48) x (1.97)	37.1 (1.46)	47.8 (1.88)	37.1 (1.46)	34.8 (1.37)	45.5 (1.79)	2.0 (.08)
37.5 x 75 (1.48) x (2.95)	37.1 (1.46)	72.4 (2.85)	37.1 (1.46)	57.6 (2.27)	70.6 (2.78)	2.0 (.08)
50 x 50 (1.97) x (1.97)	49.5 (1.95)	47.8 (1.88)	49.5 (1.95)	34.8 (1.37)	45.5 (1.79)	2.0 (.08)
50 x 75 (1.97) x (2.95)	49.5 (1.95)	72.4 (2.85)	49.5 (1.95)	57.6 (2.27)	70.6 (2.78)	2.0 (.08)
50 x 100 (1.97) x (3.94)	49.5 (1.95)	97.8 (3.85)	49.5 (1.95)	81.0 (3.19)	95.5 (3.76)	2.3 (.09)
75 x 75 (2.95) x (2.95)	74.7 (2.94)	72.4 (2.85)	74.7 (2.94)	57.6 (2.27)	70.6 (2.78)	2.0 (.08)
100 x 50 (3.94) x (1.97)	99.6 (3.92)	47.8 (1.88)	99.6 (3.92)	34.8 (1.37)	45.5 (1.79)	2.0 (.08)
100 x 75 (3.94) x (2.95)	99.6 (3.92)	72.4 (2.85)	99.6 (3.92)	57.6 (2.27)	70.6 (2.78)	2.0 (.08)
100 x 100 (3.92) x (3.85)	99.6 (3.92)	97.8 (3.85)	99.6 (3.92)	81.0 (3.19)	95.5 (3.76)	2.3 (.09)

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

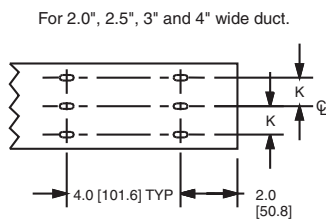
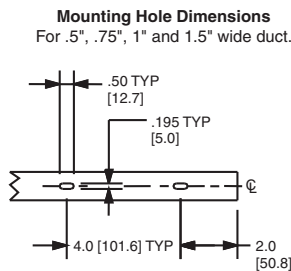
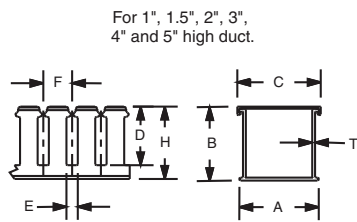
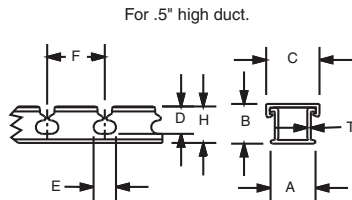
E4.
Permanent
Identification

E5.
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Panduit® Type NE Wiring Duct Dimensions

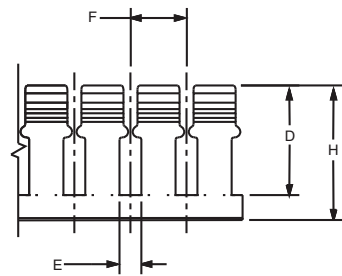
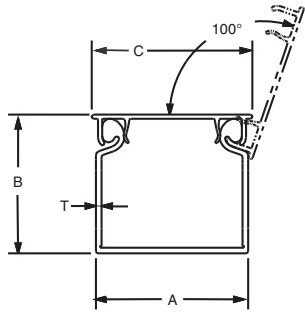
Dimensions are shown for reference only. Contact Panduit Customer Service at 800-777-3300 for specific dimensional needs.



Duct Size (W x H)	Dimensions – Inches (mm)								K	T
	A	B	C	D	E	F	H			
.5 x .5 (12.7) x (12.7)	.63 (16.0)	.56 (14.2)	.69 (17.5)	.38 (9.7)	.37 (9.4)	.80 (20.3)	.50 (12.7)	ON CENTERLINE	.05 (1.3)	
.5 x 1 (12.7) x (25.4)	.63 (16.0)	1.06 (26.9)	.69 (17.5)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.06 (1.5)	
1 x 1 (25.4) x (25.4)	1.14 (29.0)	1.06 (26.9)	1.25 (31.8)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.06 (1.5)	
1 x 1.5 (25.4) x (38.1)	1.14 (29.0)	1.62 (41.1)	1.25 (31.8)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)		.07 (1.8)	
1 x 2 (25.4) x (50.8)	1.14 (29.0)	2.06 (52.3)	1.25 (31.8)	1.63 (41.4)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.07 (1.8)	
1 x 3 (25.4) x (76.2)	1.14 (29.0)	3.06 (77.7)	1.25 (31.8)	2.63 (66.8)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		.07 (1.8)	
1 x 4 (25.4) x (101.6)	1.14 (29.0)	4.06 (103.1)	1.25 (31.8)	3.63 (92.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)		.08 (2.0)	
1.5 x 1.5 (38.1) x (38.1)	1.64 (41.7)	1.62 (41.1)	1.75 (44.5)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)		.07 (1.8)	
1.5 x 2 (38.1) x (50.8)	1.64 (41.7)	2.06 (52.3)	1.75 (44.5)	1.63 (41.4)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.07 (1.8)	
1.5 x 3 (38.1) x (76.2)	1.64 (41.7)	3.06 (77.7)	1.75 (44.5)	2.63 (66.8)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		.07 (1.8)	
1.5 x 4 (38.1) x (101.6)	1.64 (41.7)	4.06 (103.1)	1.75 (44.5)	3.63 (92.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)		.08 (2.0)	
2 x 1 (50.8) x (25.4)	2.14 (54.4)	1.06 (26.9)	2.25 (57.2)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.50 (12.7)	.06 (1.5)
2 x 2 (50.8) x (50.8)	2.14 (54.4)	2.06 (52.3)	2.25 (57.2)	1.63 (41.4)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.50 (12.7)	.07 (1.8)
2 x 3 (50.8) x (76.2)	2.14 (54.4)	3.06 (77.7)	2.25 (57.2)	2.63 (66.8)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		.50 (12.7)	.07 (1.8)
2 x 4 (50.8) x (101.6)	2.14 (54.4)	4.06 (103.1)	2.25 (57.2)	3.63 (92.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)		.50 (12.7)	.08 (2.0)
3 x 1 (76.2) x (25.4)	3.14 (79.8)	1.06 (26.9)	3.25 (82.6)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		1.00 (25.4)	.06 (1.5)
3 x 2 (76.2) x (50.8)	3.14 (79.8)	2.06 (52.3)	3.25 (82.6)	1.63 (41.4)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		1.00 (25.4)	.07 (1.7)
3 x 3 (76.2) x (76.2)	3.14 (79.8)	3.06 (77.7)	3.25 (82.6)	2.63 (66.8)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		1.00 (25.4)	.07 (1.8)
3 x 4 (76.2) x (101.6)	3.14 (79.8)	4.06 (103.1)	3.25 (82.6)	3.63 (92.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)		1.00 (25.4)	.08 (2.0)
3 x 5 (76.2) x (127.0)	3.14 (79.8)	5.06 (128.5)	3.25 (82.6)	4.63 (117.6)	.38 (9.7)	1.33 (33.8)	5.00 (127.0)		1.00 (25.4)	.09 (2.3)
4 x 2 (101.6) x (50.8)	4.14 (105.2)	2.06 (52.3)	4.25 (108.0)	1.63 (41.4)	.31 (7.9)	.80 (20.3)	2.00 (50.8)	1.50 (38.1)	.07 (1.8)	
4 x 3 (101.6) x (76.2)	4.14 (105.2)	3.06 (77.7)	4.25 (108.0)	2.63 (66.8)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)	1.50 (38.1)	.07 (1.8)	
4 x 4 (101.6) x (101.6)	4.14 (105.2)	4.06 (103.1)	4.25 (108.0)	3.63 (92.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)	1.50 (38.1)	.08 (2.0)	
4 x 5 (101.6) x (127.0)	4.14 (105.2)	5.06 (128.5)	4.25 (108.0)	4.63 (117.6)	.38 (9.7)	1.33 (33.8)	5.00 (127.0)	1.50 (38.1)	.09 (2.3)	

Panduct® Type H and HS Wiring Duct Dimensions

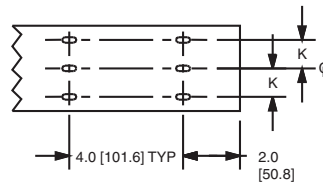
Dimensions are shown for reference only. Contact Panduit Customer Service at 800-777-3300 for specific dimensional needs.



	E	F
For 2" duct height:	.31" [7.9]	.80" [20.3]
3" to 4" duct height:	.31" [7.9]	1.00" [25.4]

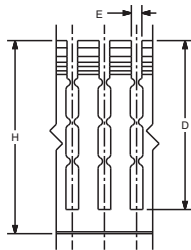
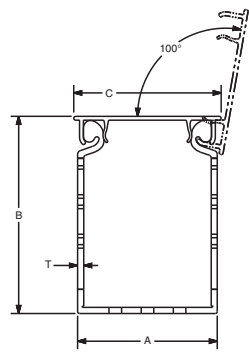
Duct Size (W x H)	Dimensions – Inches (mm)								
	A	B	C	D	E	F	H	K	T
1.5 x 2 (38.1) x (50.8)	1.75 (44.5)	1.98 (50.3)	1.88 (47.8)	1.63 (41.4)	.31 (7.9)	.80 (20.3)	1.92 (48.8)	1.00 (25.4)	.08 (2.0)
1.5 x 3 (38.1) x (76.2)	1.75 (44.5)	3.06 (77.7)	1.88 (47.8)	2.63 (66.8)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		.10 (2.5)
2 x 2 (50.8) x (50.8)	2.17 (55.1)	1.98 (50.3)	2.29 (58.2)	1.57 (39.9)	.31 (7.9)	.80 (20.3)	1.92 (48.8)	.50 (12.7)	.08 (2.0)
2 x 3 (50.8) x (76.2)	2.17 (55.1)	3.06 (77.7)	2.29 (58.2)	2.63 (66.8)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)	.50 (12.7)	.10 (2.5)
2 x 4 (50.8) x (101.6)	2.17 (55.1)	4.1 (104.1)	2.29 (58.2)	3.63 (92.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)	.50 (12.7)	.10 (2.7)
3 x 3 (76.2) x (76.2)	3.25 (82.6)	3.06 (77.7)	3.38 (85.9)	2.63 (66.8)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)	1.00 (25.4)	.10 (2.5)
3 x 4 (76.2) x (101.6)	3.25 (82.6)	4.1 (104.1)	3.38 (85.9)	3.63 (92.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)	1.00 (25.4)	.11 (2.8)
4 x 4 (101.6) x (101.6)	4.25 (108.0)	4.1 (104.1)	4.38 (111.3)	3.63 (92.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)	1.50 (38.1)	.11 (2.8)

For 2", 3", and 4" wide duct.



Panduct® Type HN Wiring Duct Dimensions

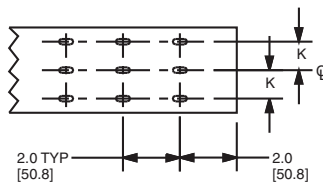
Dimensions are shown for reference only. Contact Panduit Customer Service at 800-777-3300 for specific dimensional needs.



Multiple slot restrictors present with 2" and greater duct wall height.

Duct Size (W x H)	Dimensions – Inches (mm)								
	A	B	C	D	E	F	H	K	T
1.5 x 2 (38.1) x (50.8)	1.75 (44.5)	1.98 (50.3)	1.88 (47.8)	1.63 (41.4)	.20 (5.0)	.50 (12.7)	1.92 (48.8)	1.00 (25.4)	.08 (2.0)
1.5 x 3 (38.1) x (76.2)	1.75 (44.5)	3.06 (77.7)	1.88 (47.8)	2.63 (66.8)	.20 (5.0)	.50 (12.7)	3.00 (76.2)		.10 (2.5)
2 x 2 (50.8) x (50.8)	2.17 (55.1)	1.98 (50.3)	2.29 (58.2)	1.57 (39.9)	.20 (5.0)	.50 (12.7)	1.92 (48.8)	.50 (12.7)	.08 (2.0)
2 x 3 (50.8) x (76.2)	2.17 (55.1)	3.06 (77.7)	2.29 (58.2)	2.63 (66.8)	.20 (5.0)	.50 (12.7)	3.00 (76.2)	.50 (12.7)	.10 (2.5)
2 x 4 (50.8) x (101.6)	2.17 (55.1)	4.1 (104.1)	2.29 (58.2)	3.63 (92.2)	.20 (5.0)	.50 (12.7)	4.00 (101.6)	.50 (12.7)	.10 (2.7)
3 x 3 (76.2) x (76.2)	3.25 (82.6)	3.06 (77.7)	3.38 (85.9)	2.63 (66.8)	.20 (5.0)	.50 (12.7)	3.00 (76.2)	1.00 (25.4)	.10 (2.5)
3 x 4 (76.2) x (101.6)	3.25 (82.6)	4.1 (104.1)	3.38 (85.9)	3.63 (92.2)	.20 (5.0)	.50 (12.7)	4.00 (101.6)	1.00 (25.4)	.11 (2.8)
4 x 4 (101.6) x (101.6)	4.25 (108.0)	4.1 (104.1)	4.38 (111.3)	3.63 (92.2)	.20 (5.0)	.50 (12.7)	4.00 (101.6)	1.50 (38.1)	.11 (2.8)

For 2", 3", and 4" wide duct.



A.
System
Overview

Panduit® Type FL Wiring Duct Dimensions

Dimensions are shown for reference only.
Dimensions are in mm (in.). Contact Panduit Customer Service at 800-777-3300 for specific dimensional needs.

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

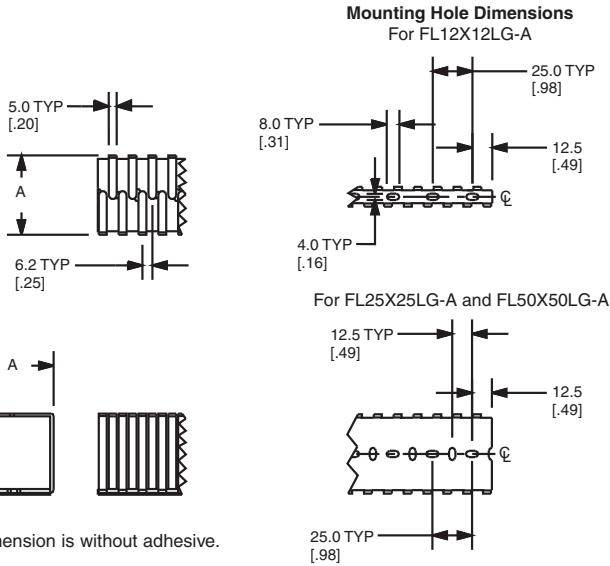
E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index



Nominal Duct Size (W x H) mm	Dimensions – mm (In.)	
	A	B
12 x 12 (.49) x (.49)	12.4 (.49)	12.4 (.49)
25 x 25 (.98) x (.98)	24.9 (.98)	24.9 (.98)
50 x 50 (1.97) x (1.97)	50 (1.97)	50 (1.97)

Note: Type FL wiring duct has factory applied adhesive. For 50 x 50 two strips of tape are used; otherwise, only one strip is centered on the part.

Panduit® PanelMax™ DIN Rail Wiring Duct – Wirefill Capacity

Nominal Duct Size (W x H) In.	Area per channel In. ²	Electrical															Communication								
		8 AWG			10 AWG			12 AWG			14 AWG			16AWG			18 AWG			22 AWG		23 AWG	23/24 AWG	24 AWG	Fiber Cable
		.216	.164	.130	.141	.152	.111	.124	.133	.096	.111	.118	.084	.100	.106	.085	.298	.289	.250	.187	.118				
DRD22	6.25 x 2.15	4.760	51	88	140	119	103	193	154	134	258	193	170	337	238	211	329	26	28	38	68	170			
DRD33	7.25 x 3.16	6.536	70	121	193	164	141	265	212	184	354	265	234	463	326	290	452	36	39	52	93	234			
DRD44	8.25 x 4.16	9.180	98	170	271	230	198	372	298	259	498	372	329	650	459	408	635	51	54	73	131	329			

Table shows maximum wirefill per channel based on 50% of duct internal cross sectional area. Formula = internal area/2.00 x D².

Panduit® PanelMax™ Corner Wiring Duct – Wirefill Capacity

Nominal Duct Size (W x H) In.	Area In. ²	Electrical															Communication								
		8 AWG			10 AWG			12 AWG			14 AWG			16 AWG			18 AWG			22 AWG		23 AWG	23/24 AWG	24 AWG	Fiber Cable
		.216	.164	.130	.141	.152	.111	.124	.133	.096	.111	.118	.084	.100	.106	.085	.330	.250	.190	.118					
CWD3	4.4 x 3.6	17.580	188	326	520	442	380	713	571	496	953	713	631	1245	879	782	1216	80	140	243	630				
CWD4	5.4 x 4.6	26.920	288	500	796	677	582	1092	875	760	1460	1092	966	1907	1346	1197	1862	123	215	372	964				

Table shows maximum wirefill based on 50% of duct internal cross sectional area. Formula = area/2.00 x D².

Panduit® Type H, HN, and HS Wiring Duct – Wirefill Capacity

Nominal Duct Size (W x H) In.	Nominal Area In. ²	Electrical															Communication								
		8 AWG			10 AWG			12 AWG			14 AWG			16 AWG			18 AWG			22 AWG		23 AWG	23/24 AWG	24 AWG	Fiber Cable
		.216	.164	.130	.141	.152	.111	.124	.133	.096	.111	.118	.084	.100	.106	.085	.330	.250	.190	.118					
1.50 x 2.00	3.000	34	60	95	81	70	131	105	91	175	131	116	229	162	144	224	14	25	44	116					
1.50 x 3.00	4.500	52	90	143	122	105	197	158	137	263	197	174	344	243	216	336	22	38	67	174					
2.00 x 2.00	4.000	46	80	127	108	93	175	140	122	234	175	155	306	216	192	299	19	34	59	154					
2.00 x 3.00	6.000	69	120	191	163	140	263	210	183	351	263	232	459	324	288	448	29	51	89	232					
2.00 x 4.00	8.000	92	160	255	217	187	350	281	244	469	350	310	612	432	384	598	39	69	119	309					
3.00 x 3.00	9.000	104	180	287	244	210	394	316	275	527	394	349	689	486	432	673	44	77	134	348					
3.00 x 4.00	12.000	139	241	383	326	280	526	421	366	703	526	465	919	648	577	897	59	103	179	464					
4.00 x 4.00	16.000	185	321	511	435	374	701	562	488	938	701	621	1225	864	769	1197	79	138	239	619					

Table shows maximum wirefill based on 50% of duct internal cross sectional area. Formula = nominal area/1.85 x D². See page C1.48 for wiring duct color and size availability. AWG dimensions represent typical outer cable diameter in inches.

Panduct® Type D, G, F and FS Wiring Duct – Wirefill Capacity

Nominal Duct Size (W x H) In.	Nominal Area In. ²	Electrical															Communication						
		8 AWG		10 AWG			12 AWG			14 AWG			16 AWG			18 AWG			22 AWG	23 AWG	23/24 AWG	24 AWG	Fiber Cable
		.216	.164	.13	.141	.152	.111	.124	.133	.096	.111	.118	.084	.100	.106	.085	.330	.25	.190	.118			
		THHN	THHN	THHN	MTW	MTW	THHN	MTW	MTW	TFFN	MTW	MTW	TFFN	MTW	MTW	MTW	Cat. 6A	Cat. 6	Cat. 5e	3.0 mm			
0.50 x 0.50	0.250	3	5	8	7	6	11	9	8	15	11	10	20	14	12	19	1	2	3	10			
0.50 x 1.00	0.500	6	10	16	14	12	23	18	16	31	23	20	40	28	25	39	2	4	7	20			
0.50 x 2.00	1.000	12	21	33	28	24	46	37	32	62	46	41	80	57	50	79	5	9	15	40			
0.75 x 0.75	0.563	6	11	19	16	13	26	20	18	34	26	23	45	32	28	44	2	5	8	23			
0.75 x 1.00	0.750	9	15	25	21	18	34	27	24	46	34	30	60	42	38	59	3	6	11	30			
0.75 x 1.50	1.125	13	23	38	32	27	52	41	36	69	52	46	91	64	57	88	5	10	17	46			
0.75 x 2.00	1.500	18	31	50	43	37	69	55	48	93	69	61	121	85	76	118	7	13	23	61			
1.00 x 1.00	1.000	12	21	33	28	24	46	37	32	62	46	41	80	57	50	79	5	9	15	40			
1.00 x 1.50	1.500	18	31	50	43	37	69	55	48	93	69	61	121	85	76	118	7	13	23	61			
1.00 x 2.00	2.000	24	42	67	57	49	92	74	64	124	92	82	161	114	101	158	10	18	31	81			
1.00 x 3.00	3.000	36	63	101	86	74	139	111	96	186	139	123	242	171	152	237	15	27	47	122			
1.00 x 4.00	4.000	48	84	135	114	98	185	148	129	248	185	164	323	228	203	316	20	36	63	163			
1.50 x 1.00	1.500	18	31	50	43	37	69	55	48	93	69	61	121	85	76	118	7	13	23	61			
1.50 x 1.50	2.250	27	47	76	64	55	104	83	72	139	104	92	182	128	114	177	11	20	35	92			
1.50 x 2.00	3.000	36	63	101	86	74	139	111	96	186	139	123	242	171	152	237	15	27	47	122			
1.50 x 3.00	4.500	55	95	152	129	111	208	167	145	279	208	184	364	257	228	355	23	41	71	184			
1.50 x 4.00	6.000	73	127	202	172	148	278	222	193	372	278	246	485	342	305	474	31	54	94	245			
2.00 x 1.00	2.000	24	42	67	57	49	92	74	64	124	92	82	161	114	101	158	10	18	31	81			
2.00 x 1.50	3.000	36	63	101	86	74	139	111	96	186	139	123	242	171	152	237	15	27	47	122			
2.00 x 2.00	4.000	48	84	135	114	98	185	148	129	248	185	164	323	228	203	316	20	36	63	163			
2.00 x 3.00	6.000	73	127	202	172	148	278	222	193	372	278	246	485	342	305	474	31	54	94	245			
2.00 x 4.00	8.000	97	169	270	229	197	371	297	258	496	371	328	647	457	406	632	41	73	126	327			
2.00 x 5.00	10.000	122	212	338	287	247	463	371	323	620	463	410	809	571	508	790	52	91	158	409			
2.50 x 3.00	7.500	91	159	253	215	185	347	278	242	465	347	307	607	428	381	593	39	68	118	307			
3.00 x 1.00	3.000	36	63	101	86	74	139	111	96	186	139	123	242	171	152	237	15	27	47	122			
3.00 x 2.00	6.000	73	127	202	172	148	278	222	193	372	278	246	485	342	305	474	31	54	94	245			
3.00 x 3.00	9.000	110	191	304	258	222	417	334	290	558	417	369	728	514	457	711	47	82	142	368			
3.00 x 4.00	12.000	146	254	405	344	296	556	445	387	744	556	492	971	685	610	949	62	109	189	491			
3.00 x 5.00	15.000	183	318	507	431	370	695	557	484	930	695	615	1214	857	762	1186	78	137	237	614			
4.00 x 1.50	6.000	73	127	202	172	148	278	222	193	372	278	246	485	342	305	474	31	54	94	245			
4.00 x 2.00	8.000	97	169	270	229	197	371	297	258	496	371	328	647	457	406	632	41	73	126	327			
4.00 x 3.00	12.000	146	254	405	344	296	556	445	387	744	556	492	971	685	610	949	62	109	189	491			
4.00 x 4.00	16.000	195	339	540	459	395	742	594	516	992	742	656	1295	914	813	1265	83	146	253	655			
4.00 x 5.00	20.000	244	424	676	574	494	927	743	646	1240	927	820	1619	1142	1017	1581	104	182	316	819			
6.00 x 4.00	24.000	293	509	811	689	593	1113	891	775	1488	1113	984	1943	1371	1220	1898	125	219	379	983			

Table shows maximum wirefill based on 50% of duct internal cross sectional area. Formula = nominal area/1.75 x D². See page C1.48 for wiring duct color and size availability. Not all sizes available for each duct type. AWG dimensions represent typical outer cable diameter in inches.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Panduct® Type MC and NNC Wiring Duct – Wirefill Capacity

Nominal Duct Size (W x H) mm	Nominal Area mm ²	Electrical															Communication					
		8 AWG		10 AWG		12 AWG			14 AWG			16 AWG			18 AWG			22 AWG	23 AWG	23/24 AWG	24 AWG	Fiber Cable
		5.5	4.2	3.3	3.6	3.9	2.8	3.1	3.4	2.4	2.8	3	2.1	2.5	2.7	2.2	8.4	6.4	4.8	3		
		THHN	THHN	THHN	MTW	MTW	THHN	MTW	MTW	TFFN	MTW	MTW	TFFN	MTW	MTW	MTW	Cat. 6A	Cat. 6	Cat. 5e	3.0 mm		
25 x 25	625	11	20	32	27	23	44	36	31	60	44	39	78	55	49	76	5	8	15	39		
25 x 37	925	17	30	48	41	35	66	53	46	88	66	58	116	81	72	113	7	13	22	58		
25 x 50	1250	23	41	65	55	47	89	72	62	120	89	79	156	110	98	153	10	17	30	79		
25 x 62	1550	29	51	81	69	59	111	89	77	148	111	98	194	137	122	190	12	21	38	98		
25 x 75	1875	35	61	98	83	71	134	108	93	180	134	119	235	166	147	229	15	26	46	119		
37 x 37	1369	25	45	71	60	52	98	78	68	131	98	87	171	121	107	167	11	19	33	86		
37 x 50	1850	35	60	96	82	70	132	106	92	177	132	117	232	163	145	226	15	26	45	117		
37 x 62	2294	43	75	120	102	87	164	132	114	220	164	145	287	203	180	281	18	32	56	145		
37 x 75	2775	52	91	145	123	106	199	159	138	266	199	176	348	245	218	340	22	39	68	176		
50 x 50	2500	47	82	131	111	95	179	144	125	240	179	159	313	221	197	306	20	35	61	158		
50 x 75	3750	71	123	196	167	143	269	216	187	360	269	238	470	332	295	459	30	53	92	238		
50 x 100	5000	94	164	262	222	191	359	288	250	480	359	318	627	442	394	612	40	70	122	317		
62 x 62	3844	72	126	201	171	147	276	221	192	369	276	244	482	340	303	471	31	54	94	244		
75 x 50	3750	71	123	196	167	143	269	216	187	360	269	238	470	332	295	459	30	53	92	238		
75 x 62	4650	88	153	243	207	178	334	267	232	446	334	295	583	411	366	570	37	65	114	295		
75 x 75	5625	106	185	294	250	215	404	324	281	540	404	357	706	498	443	689	45	79	138	357		
75 x 100	7500	142	246	393	334	287	539	432	375	720	539	477	941	664	591	919	60	106	184	476		
100 x 50	5000	94	164	262	222	191	359	288	250	480	359	318	627	442	394	612	40	70	122	317		
100 x 75	7500	142	246	393	334	287	539	432	375	720	539	477	941	664	591	919	60	106	184	476		
100 x 100	10000	189	329	524	445	383	718	576	500	961	718	636	1255	885	788	1225	81	141	245	634		

Table shows maximum wirefill based on 50% of duct internal cross sectional area. Formula = nominal area/1.75 x D². See page C1.48 for wiring duct color and size availability. Not all sizes available for each duct type. AWG dimensions represent typical outer cable diameter in millimeters.

Panduct® Type NE Wiring Duct – Wirefill Capacity

Nominal Duct Size (W x H) In.	Nominal Area In. ²	Electrical															Communication						
		8 AWG		10 AWG			12 AWG			14 AWG			16 AWG			18 AWG			22 AWG	23 AWG	23/24 AWG	24 AWG	Fiber Cable
		.216	.164	.130	.141	.152	.111	.124	.133	.096	.111	.118	.084	.100	.106	.085	.330	.25	.190	.118			
		THHN	THHN	THHN	MTW	MTW	THHN	MTW	MTW	TFFN	MTW	MTW	TFFN	MTW	MTW	MTW	Cat. 6A	Cat. 6	Cat. 5e	3.0 mm			
0.50 x 0.50	0.250	2	4	7	6	5	10	8	7	13	10	8	17	12	11	17	1	2	3	8			
0.50 x 1.00	0.500	5	9	14	12	10	20	16	14	27	20	17	35	25	22	34	2	4	6	17			
1.00 x 1.00	1.000	10	18	29	25	21	40	32	28	54	40	35	70	50	44	69	4	8	13	35			
1.00 x 1.50	1.500	16	27	44	37	32	60	48	42	81	60	53	106	75	66	103	6	12	20	53			
1.00 x 2.00	2.000	21	37	59	50	43	81	65	56	108	81	71	141	100	88	138	9	16	27	71			
1.00 x 3.00	3.000	32	55	88	75	64	121	97	84	162	121	107	212	150	133	207	13	24	41	107			
1.00 x 4.00	4.000	42	74	118	100	86	162	130	113	217	162	143	283	200	177	276	18	32	55	143			
1.50 x 1.50	2.250	24	41	66	56	48	91	73	63	122	91	80	159	112	100	155	10	18	31	80			
1.50 x 2.00	3.000	32	55	88	75	64	121	97	84	162	121	107	212	150	133	207	13	24	41	107			
1.50 x 3.00	4.500	48	83	133	113	97	182	146	127	244	182	161	318	225	200	311	20	36	62	161			
1.50 x 4.00	6.000	64	111	177	150	129	243	195	169	325	243	215	425	300	266	415	27	48	83	215			
2.00 x 1.00	2.000	21	37	59	50	43	81	65	56	108	81	71	141	100	88	138	9	16	27	71			
2.00 x 2.00	4.000	42	74	118	100	86	162	130	113	217	162	143	283	200	177	276	18	32	55	143			
2.00 x 3.00	6.000	64	111	177	150	129	243	195	169	325	243	215	425	300	266	415	27	48	83	215			
2.00 x 4.00	8.000	85	148	236	201	173	324	260	226	434	324	287	566	400	355	553	36	64	110	286			
3.00 x 1.00	3.000	32	55	88	75	64	121	97	84	162	121	107	212	150	133	205	13	24	41	107			
3.00 x 2.00	6.000	64	111	177	150	129	243	195	169	325	243	215	425	300	266	415	27	48	83	215			
3.00 x 3.00	9.000	96	167	266	226	194	365	292	254	488	365	323	637	450	400	622	41	72	124	322			
3.00 x 4.00	12.000	128	223	355	301	259	486	390	339	651	486	430	850	600	533	830	55	96	166	430			
3.00 x 5.00	15.000	160	278	443	377	324	608	487	423	813	608	538	1062	750	667	1038	68	120	207	537			
4.00 x 2.00	8.000	85	148	236	201	173	324	260	226	434	324	287	566	400	355	553	36	64	110	286			
4.00 x 3.00	12.000	128	223	355	301	259	486	390	339	651	486	430	850	600	533	830	55	96	166	430			
4.00 x 4.00	16.000	171	297	473	402	346	649	520	452	868	649	574	1133	800	711	1107	73	128	221	573			
4.00 x 5.00	20.000	214	371	591	502	432	811	650	565	1085	811	718	1417	1000	889	1384	91	160	277	716			

Table shows maximum wirefill based on 50% of duct internal cross sectional area. Formula = nominal area/2.00 x D². AWG dimensions represent typical outer cable diameter in inches.

Panduct® Type FL Wiring Duct – Wirefill Capacity

Nominal Duct Size (W x H) mm	Nominal Area mm ²	Electrical															Communication						
		8 AWG		10 AWG			12 AWG			14 AWG			16 AWG			18 AWG			22 AWG	23 AWG	23/24 AWG	24 AWG	Fiber Cable
		5.5	4.2	3.3	3.6	3.9	2.8	3.1	3.4	2.4	2.8	3.0	2.1	2.5	2.7	2.2	8.4	6.4	4.8	3.0			
		THHN	THHN	THHN	MTW	MTW	THHN	MTW	MTW	TFFN	MTW	MTW	TFFN	MTW	MTW	MTW	Cat. 6A	Cat. 6	Cat. 5e	3.0 mm			
12 x 12	144	1	3	5	4	3	7	5	5	9	7	6	12	8	7	12	0	1	2	6			
25 x 25	625	8	14	22	19	16	31	25	21	42	31	27	54	38	34	53	3	6	10	27			
50 x 50	2500	33	57	91	77	67	125	100	87	168	125	111	219	155	137	214	14	24	42	111			

Table shows maximum wirefill based on 50% of duct internal cross sectional area. Formula = nominal area/2.50 x D². AWG dimensions represent typical outer cable diameter in millimeters.

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B2. Cable Accessories

B3. Stainless Steel Ties

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C4. Cable Management

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E4. Permanent Identification

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A. System Overview

Wirefill Formula

B1. Cable Ties

General Formula

Panduit Wiring Duct wirefills are calculated using the following general formula:

$$50\% \text{ Wirefill} = 50\% \text{ of } \left(\frac{\text{Usable Duct Area}}{\text{Wire Area}} \right)$$

B2. Cable Accessories

B3. Stainless Steel Ties

Why use a 50% Wirefill?

As specified in NFPA79-2007 section 13.5.2, *Percentage Fills of Raceways (Ducts)*, a 50% wirefill is given as the maximum wirefill capacity in all Panduit Wiring Ducts. This helps ensure general safe wiring practices are followed. In actual practice, a 50% wirefill is the maximum amount of wiring the duct can hold given the additional airspace created between cables by non-uniform cable shapes, cable interlacing, and cable packing factors.

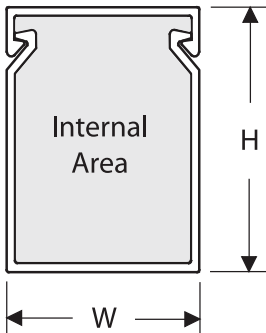
C1. Wiring Duct

C2. Surface Raceway

What is the Usable Duct Area?

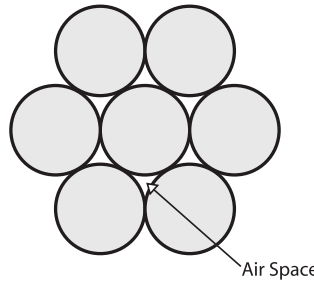
The usable area we define as the calculation of internal area that can be occupied by wires or cables.

Calculation of Internal Area



Since we use the outer channel dimensions in our calculation, we make an adjustment in our formula for the thickness of material and for design elements that extend inside the channel.

Air Space Allotment



In our wirefill formula an adjustment is made to the channel internal area to account for “unusable” air space that will be present between cables when placed in the channel. Our formula assumes a uniform close packed or high-density cable arrangement (see diagram) (Note 1).

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

Considering these factors, the usable duct area is equal to an average of 90% of the nominal area, or $(W \times H) \times .90$.

D3. Grounding Connectors

Wire Area

The wire area formula is converted to allow calculation using the cable diameter:

$$A_{\text{WIRE}} = \pi r^2$$

$$A_{\text{WIRE}} = (\pi/4) \times D^2$$

$$A_{\text{WIRE}} = .785 \times D^2$$

E1. Labeling Systems

E2. Labels

Formula Derivation

Inserting the elements from above into the general formula results in the following:

$$50\% \text{ Wirefill} = .50 \left(\frac{(W \times H) \times .90}{.785 \times D^2} \right)$$

Simplifying this formula results in the formula used for wirefill calculation (Note 2):

$$50\% \text{ Wirefill} = \left(\frac{W \times H}{1.75 \times D^2} \right)$$

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

Note: When calculating wirefill capacity using the above formula, variables W, H, and D must be expressed in same units (i.e. mm or inches).

¹ This calculation does not account for additional airspace created between cables by non-uniform cable shapes, cable interlacing, and cable packing factors.
² The resulting formula is used for all Panduit flush cover ducts, this excludes type NE duct which has a different profile design that results in a divisor of $2.0 \times D^2$ (rather than $1.75 \times D^2$ as shown here) and type H and HS wiring duct with a profile design that results in a divisor of $1.85 \times D^2$ and corner wiring duct which uses calculated internal area and a divisor of $2.0 \times D^2$.

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Panduct® Wiring Duct and Raceway – Material Specifications

Properties	Units	Test Method	Lead-Free PVC	Halogen-Free Modified PPO (NNC, NE)	Polypropylene (FL)
General					
Specific gravity	g/cc	ASTM D 792	1.45	1.09	0.95
Heat deflection temperature @264 psi	°F	ASTM D 648	156	215	117
Thermal expansion	10-5 in/in/°F	ASTM D 696	3.7	3.8	N/A
Thermal conductivity	(BTU-in/hr-ft²)°F	ASTM C 177	1.3	1.3	N/A
Burning Characteristics					
Flammability class	—	UL 94	V-0	V-0	V-2
Smoke density @ 4 minutes	—	ASTM E 662	538	513	N/A
Limited oxygen index (LOI)	—	ASTM D 2863	35	30	25
Peak heat release rate	kW/m2	ASTM E 1354	N/A	N/A	N/A
Hardness					
Durometer hardness	"D"	ASTM D 2240	78	N/A	N/A
Rockwell hardness	"R"	ASTM D 785	111	116	N/A
Tensile					
Yield Strength	psi	ASTM D 638	6,200	7,700	3,770
Modulus	psi	ASTM D 638	390,000	350,000	172,000
Flexural					
Yield Strength	psi	ASTM D 790	8,700	11,500	4,350
Modulus	psi	ASTM D 790	325,000	340,000	181,250
Impact strength					
Notched Izod (.125")					
23°C (73°F)	ft-lb/in	ASTM D 256	4.0	5.0	1.8
0°C (32°F)	ft-lb/in		1.6	2.0	N/A
Electrical Properties					
Power factor:					
60 Hz @30°C (86°F)	—	ASTM D 150	2.90	N/A	N/A
1 MHz @30°C (86°F)	—		4.00	N/A	N/A
Dielectric constant:					
60 Hz @30°C (86°F)	—	ASTM D 150	3.90	N/A	N/A
1 MHz @30°C (86°F)	—		3.30	N/A	N/A
Dielectric strength:					
Unconditioned	volts/mil	ASTM D 149	690	N/A	N/A
Conditioned	volts/mil		700	N/A	N/A

Note: To the best of our knowledge the above information is accurate. Panduit assumes no liability for the accuracy or completeness of this information.

Rigid Polyvinyl Chloride (PVC)

A general purpose material for use in indoor applications. PVC has a UL 94 flammability rating of V-0 and is UL Recognized for continuous use temperatures up to 122°F (50°C). PVC is an economical wiring duct material.

Halogen-Free (Modified Polyphenylene Oxide)

A special purpose material for use in halogen-free or high temperature applications. Modified PPO has a UL 94 flammability rating of V-0 and is UL Recognized for continuous use temperatures up to 203°F (95°C), and is 20% lighter than PVC.

Polypropylene

A flexible material with a UL 94 flammability rating of V-2 and UL Recognized for continuous use temperatures up to 149°F (65°C).

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B3. Stainless Steel Ties

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E2. Labels

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E5. Lockout/Tagout & Safety Solutions

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Installation Tips:

Application of Latex Paint on Panduct® Wiring Duct



The following is recommended to properly prepare the surface of the wiring duct/raceway and covers for the best adhesion of latex paint:

1. Clean surface with mild soap and water solution or mineral spirits with a clean lint free towel. Allow to dry.
2. Using a sanding pad (such as synthetic stripping pad or medium/fine steel wool), slightly roughen the surface to be painted.
3. Apply a coat of all-purpose 100% acrylic primer and allow to dry.
4. Apply the desired topcoat of latex paint and allow to dry.
5. Install the wiring duct/raceway and covers.

Cutting Wiring Duct and Cover

For small quantities, use the DCT duct cutting tool on page C1.34. For larger quantities use a miter cutting saw blade for clean burr-free cuts. Recommended blade: *Carbide 80T or 100T; .90" thickness, .125 kerf.*

Recommended Precaution when Using Type NNC and NE Wiring Duct

Cleaning solvents and cutting fluids that contain any of the following chemical agents should not come in contact with type NNC or type NE wiring duct. These chemicals are known to cause stress cracking in the halogen-free PPO material.

- Hydrocarbons
- Phenols
- Ketones
- Amines
- Ethers
- Organic, inorganic and oxidizing acids
- Petrol

Note: Panduit assumes no liability for the accuracy or completeness of this list.

Part Number System for Panduct® Wiring Duct

G	.5	X	.5	LG	6	-A
Type	Nominal Width		Nominal Height	Color	Length	
G = Wide Slot Flush Design	In. or mm		In. or mm	LG = Light Gray	Ft. or m	-A = Adhesive Backed = Without Adhesive (leave blank)
F = Narrow Slot Flush Design				WH = White		NM = No Mounting Holes
FL = Flexible Duct				BL = Black		
FS = Solid Wall Flush Design				IB = Intrinsic Blue		
H = Wide Slot Hinged Design				IG = International Gray		
HN = Narrow Slot Hinged Design						
HS = Solid Wall Hinged Design						
D = Round Hole Flush Design						
NNC = Halogen-Free Design						
NE = Halogen-Free Wide Slot Design						
MC = Metric Narrow Slot Design						

A.
System
Overview

Part Number System for Panduct® PanelMax™ DIN Rail Wiring Duct

B1.
Cable Ties

DRD

Type

DRD = DIN Rail Duct

22

Size

Capability Height
22 = 2" Height
33 = 3" Height
44 = 4" Height

LG

Color

LG = Light
Gray
WH = White

6

Length

Ft.

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

Part Number System for Panduct® PanelMax™ Corner Wiring Duct

CWD

Type

CWD = Corner Wiring Duct

3

Capability Height

3 = 3" Height
4 = 4" Height

LG

Color

LG = Light
Gray
WH = White

6

Length

Ft.

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
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Panduit Wiring Duct Approvals and Compliances

Logo (Symbol)	Agency	Complies with:	Requirement	Applicable Products
	Underwriters Laboratories, Inc.	File No. E147128	UL 1565 CSA C22.2 No.18.5-02 "Positioning Devices."	Wiring duct types: H, HS, HN, and DRD
	Underwriters Laboratories, Inc.	File No. E147128	UL 1565	All types of wiring duct
	Canadian Standards Association	File No. 016446	CSA C22.2 No.18.5-02 "Positioning Devices."	All types of wiring duct (except DRD, H, HN, HS)
	Conformite European	Low Voltage Directive 2006/95/EEC	EN50085 cable trunking system and cable ducting systems for electrical installations <ul style="list-style-type: none"> • CDS (cable ducting system for impact 2 J) • Minimum storage and transport temperature -5°C • Minimum installation and application temperature -5°C • Maximum application temperature 60°C • Non-flame propagating • Without electrical continuity • Cover removable without a tool 	Wiring duct types: H, HS, G, F, D, MC, FS, NNC, NE, and DRD
Logo (Symbol)	Agency	Complies with:	Requirement	Applicable Products
	DIN (Deutsches Institut für Normung), German Institute for Standardization	DIN 43 659	This European standard specifies dimensions for slotted trunkings that will be used in electrical switchgear assemblies and that conform to the corresponding requirements in DIN VDE 060 Part 506. The dimensions specified with the standard include: <ul style="list-style-type: none"> • The channel mounting hole pattern, slot dimensions, pitch, and location • The distance from the first to last like size mounting hole • Minimum overall product length 	Wiring duct types: MC and NNC
	National Fire Protection Agency	NFPA 79-2007, section 13.3.1	"Non-metallic ducts shall be permitted (inside enclosures) only when they are made with a flame retardant material." Flame-retardant material is defined in the standard by the IEC 60332-1 test method.	Wiring duct types: H, G, F, D, MC, NNC, CWD, HN, and NE
		NFPA 79-2007, section 13.5.2	Panduit wiring duct publishes a maximum percentage wirefill for common wire types equal to 50% of the interior cross-sectional area of the duct.	All types of wiring duct
		NFPA 79-2007, section 13.1.5.9	Panduit bend radius control accessories can be mounted at right angle and T junctions created using wiring duct in order to maintain cable bend radius control.	Duct corner strip with 1" bend radius control

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D3. Grounding Connectors

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E5. Lockout/Tagout & Safety Solutions

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B2.
Cable
Accessories





B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

Logo (Symbol)	Agency	Complies with:	Requirement	Applicable Products
	Underwriters Laboratories, Inc.	UL 508, section 15	An insulating barrier material shall comply with the properties indicated in Table 15.1.	PVC divider wall
		UL 508, sections 34, 181	Shall comply with minimum thickness as required in section 6.3.	SD*EMI metal barrier
	Elevated temperature	Panduit logo	Material is rated for a continuous use temperature above 167°F (75°C).	Wiring duct types: NNC and NE
	Halogen-free IEC 60754-2	Panduit logo	Material contains no fluorine, bromide, or chlorine and will not emit any corrosive or toxic gases when burned, confirmed using IEC 60754-2 test method.	Wiring duct types: NNC and NE
	Low flammability UL 94V-0	Panduit logo	Per UL standard, material is self-extinguishing and has excellent fire resistance.	Wiring duct types: NNC, NE, and all PVC wiring duct
	Low toxicity Boeing and Airbus BSS-7239, ATS 1000.1	Panduit logo	Per the Boeing and Airbus test standards, material exceeds the requirements for low levels of toxic gas release.	Wiring duct type: NNC and NE

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D2.
Power
Connectors

D3.
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FIBER-DUCT™ ROUTING SYSTEM

Panduit provides leading solutions for cable routing. These routing products are compatible with our cable management solutions increasing your ability to maintain an orderly and clean work environment, implement quick and easy moves, adds, and changes and maintain the integrity of your fiber and copper cabling plant in order to maximize long-term performance.



- Two system sizes available: 2x2 and 4x4
- Minimum 2 inch (50.8mm) bend radius fittings protect against signal loss due to excessive cable bends
- Snap-on non-slip covers
- Compatible with Panduit® FiberRunner® 12x4, 6x4, 4x4 and 2x2 Routing Systems

The 2x2 and 4x4 Fiber-Duct™ Routing Systems are comprised of channel, fittings, and brackets designed to segregate, route, and protect fiber optic and copper cabling to and between racks within the telecommunications room.



A. System Overview

2x2 and 4x4 Fiber-Duct™ Routing Systems Roadmap

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

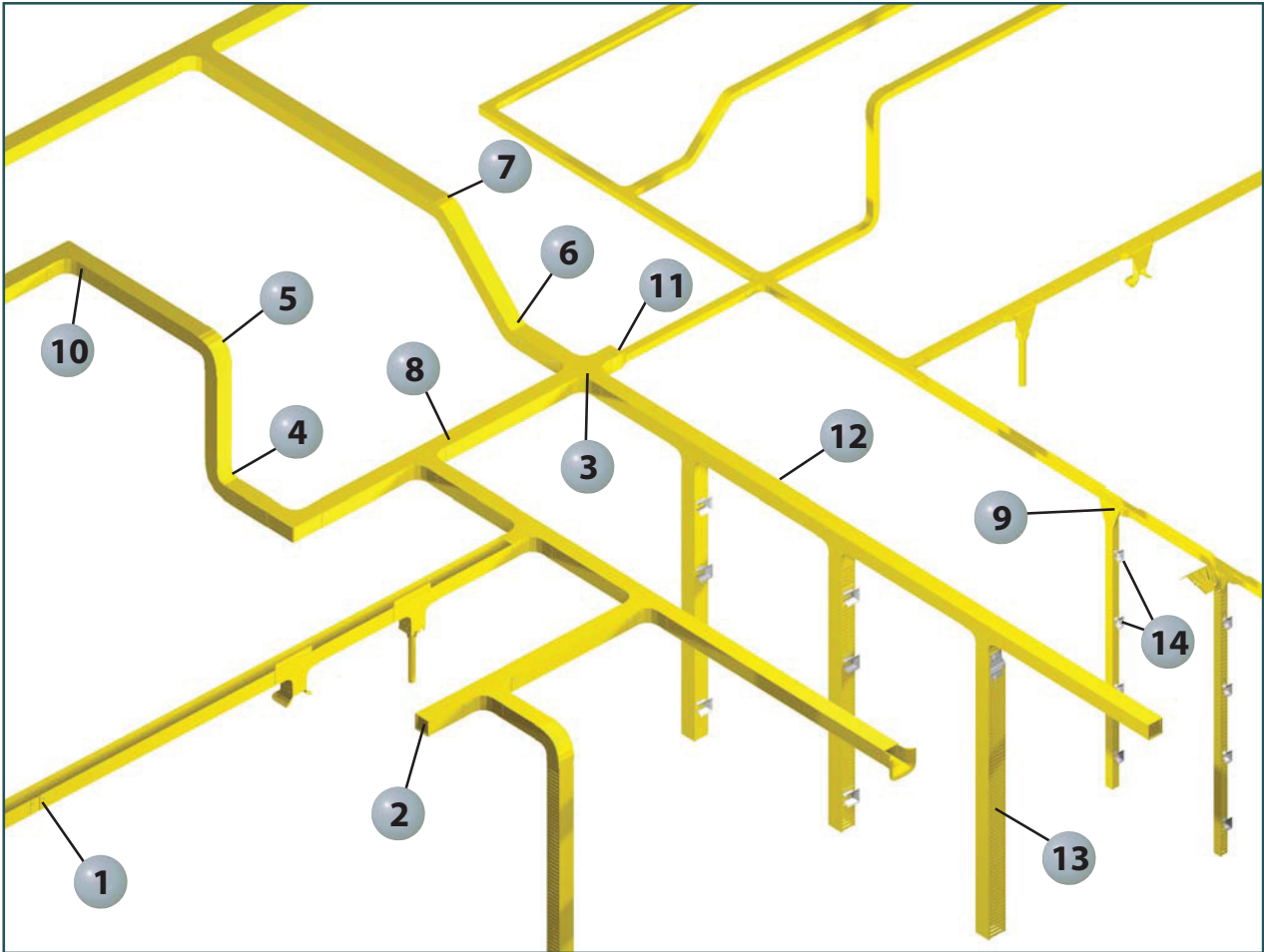
C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors



D3. Grounding Connectors

Fiber-Duct™ Mounting Brackets

E1. Labeling Systems

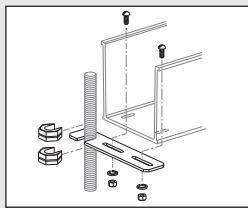
E2. Labels

E3. Pre-Printed & Write-On Markers

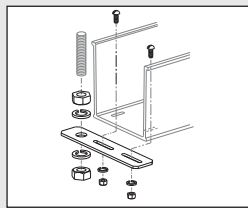
E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

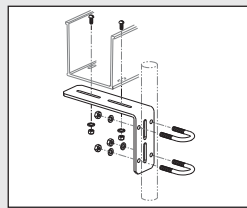
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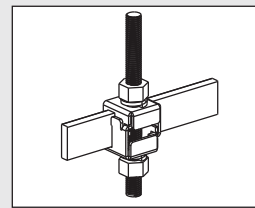
FTRBE12 – Existing Threaded Rod Bracket
(page C1.60)



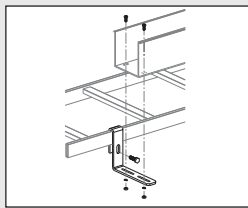
FTRBN12 – New Threaded Rod Bracket
(page C1.60)



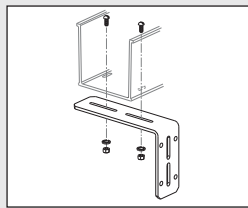
FUSB – Underfloor Pedestal Bracket
(page C1.60)



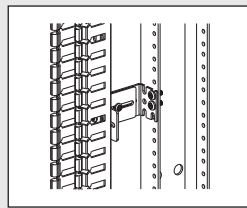
F2PCLB12 – Two-Piece Ladder Rack Bracket for Attaching Threaded Rod to 1 1/2" – 2" Ladder Rack
(page C1.61)



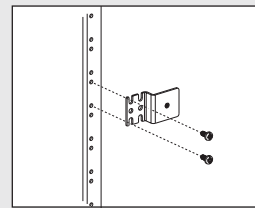
FLRB – Ladder Rack Bracket
(page C1.60)



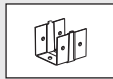
FLB – "L" Wall Mount Bracket
(page C1.60)



FZBA1.5X4 – Adjustable "Z" Bracket
(page C1.60)



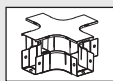
FZBLP – Low Profile "Z" Bracket
(page C1.60)



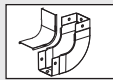
1 FCF2X2** and FCF4X4** – Coupler Fitting (see page C1.56)



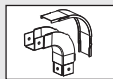
2 FEC2X2** and FEC4X4** – End Cap Fitting (see page C1.57)



3 FFWC2X2** and FFWC4X4** – 4-Way Cross Fitting (see page C1.57)



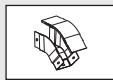
4 FIVRA2X2** and FIVRA4X4** – Inside Vertical Right Angle (see page C1.57)



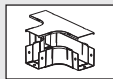
5 FOVRA2X2** and FOVRA4X4** – Outside Vertical Right Angle (see page C1.57)



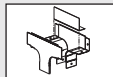
6 FIV452X2** and FIV454X4** – Inside Vertical 45° Angle (see page C1.57)



7 FOV452X2** and FOV454X4** – Outside Vertical 45° Angle (see page C1.57)



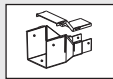
8 FT2X2** and FT4X4** – Horizontal Tee Fitting (see page C1.57)



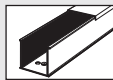
9 FVT4X4** – 4x4 Vertical Tee (see page C1.58)



10 FRA2X2** – FRA4X4** – Right Angle Fitting (see page C1.56)



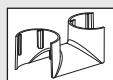
11 FRF42** – 4x4 to 2x2 Fiber-Duct™ Reducer Fitting (see page C1.57)



12 S2X2**6NM and S4X4**6NM Fiber-Duct™ Channel (see page C1.56)



13 E2X2**6 and E4X4**6 Fiber-Duct™ Slotted Channel (see page C1.56)



14 TRC2BL and TRC4BL – Bend Radius Control Trumpet (see page C1.59)

**Available colors include: YL (Yellow), OR (Orange), and BL (Black).

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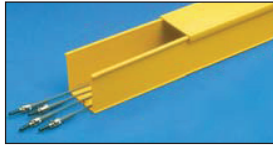
A. System Overview

UL LISTED **2x2 and 4x4 Fiber-Duct™ Routing Systems**

B1. Cable Ties

- Channel, covers, fittings and other non-metallic system components made from V-0 flame class rated material
- Snap-on non-slip covers
- Compatible with Panduit® FiberRunner® 2x2, 4x4, 6x4 and 12x4 Routing Systems

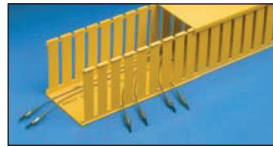
B2. Cable Accessories



S2X2
S4X4

B3. Stainless Steel Ties

C1. Wiring Duct

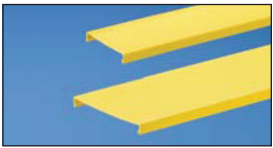


E2X2
E4X4

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



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Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Fiber-Duct™ Channel				
S2X2YL6NM	Used to carry the cables throughout the Fiber-Duct™ Routing System. Accepts cover C2YL6. Cover sold separately.	2x2	6	120
S4X4YL6NM	Used to carry the cables throughout the Fiber-Duct™ Routing System. Accepts cover C4YL6. Cover sold separately.	4x4	6	60

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Fiber-Duct™ Slotted Channel				
E2X2YL6	Used to carry the cables vertically to the front or the back of equipment racks throughout the system. Accepts cover C2YL6. Extra supports required when used in horizontal applications. Cover sold separately.	2x2	6	120
E4X4YL6	Used to carry the cables vertically to the front or the back of equipment racks throughout the system. Accepts cover C4YL6. Extra supports required when used in horizontal applications. Cover sold separately.	4x4	6	60

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Fiber-Duct™ Cover				
C2YL6	Cover for Fiber-Duct™ Channel and Fiber-Duct™ Slotted Channel. Non-slip cover design incorporates integral high friction lining to inhibit cover movement.	2x2	6	120
C4YL6	Cover for Fiber-Duct™ Channel and Fiber-Duct™ Slotted Channel. Non-slip cover design incorporates integral high friction lining to inhibit cover movement.	4x4	6	120

Note: Available with mounting holes. To order, delete NM from the part number.
For fastest installation use NR2WH-L or NR4BL-L snap rivets.
For other colors replace YL (Yellow) with OR (Orange) or BL (Black).
Order number of feet required, in multiples of standard 6' length increments.

Fiber-Duct™ System Fittings



FCF2X2
FCF4X4



FRA2X2
FRA4X4

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Coupler Fitting				
FCF2X2YL	Used to join two sections of duct together. Fiber-Duct™ Coupler is not required at each fitting connection.	2x2	1	5
FCF4X4YL		4x4	1	5
Horizontal Right Angle Fitting				
FRA2X2YL	Attaches to channel to create a 90° horizontal turn from a straight horizontal run. Cover included.	2x2	1	5
FRA4X4YL		4x4	1	5

For other colors replace suffix YL (Yellow) with OR (Orange) or BL (Black).
Fittings include 5/16" assembly holes for fast mechanical fastening.

Fiber-Duct™ System Fittings (continued)



FT2X2
FT4X4



FFWC2X2
FFWC4X4



FEC2X2
FEC4X4



FIV452X2
FIV454X4



FOV452X2
FOV454X4



FIVRA2X2
FIVRA4X4



FOVRA2X2
FOVRA4X4



FRF42

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Horizontal Tee Fitting				
FT2X2YL	Attaches to channel to create a 90° horizontal branch from a straight horizontal run. Cover included.	2x2	1	5
FT4X4YL		4x4	1	5
Four Way Cross Fitting				
FFWC2X2YL	Attaches to channel to create a horizontal four way cross intersection. Cover included.	2x2	1	5
FFWC4X4YL		4x4	1	5
End Cap Fitting				
FEC2X2YL	Used for closing off open ends of the channel. No coupler required. Push-on installation.	2x2	1	5
FEC4X4YL		4x4	1	5
Inside Vertical 45° Angle Fitting				
FIV452X2YL	Attaches to channel to create a 45° upward angle from a straight horizontal run. Used with outside vertical 45° angle fitting FOV452X2YL or FOV454X4YL to change level of straight horizontal runs. Cover included.	2x2	1	5
FIV454X4YL		4x4	1	5
Outside Vertical 45° Angle Fitting				
FOV452X2YL	Attaches to channel to create a 45° downward angle from a straight horizontal run. Used with inside vertical 45° angle fitting FIV452X2YL or FIV454X4YL to change level of straight horizontal runs. Cover included.	2x2	1	5
FOV454X4YL		4x4	1	5
Inside Vertical Right Angle Fitting				
FIVRA2X2YL	Attaches to channel to create a 90° upward angle from a straight horizontal run. Used with outside vertical 90° angle fitting FOVRA2X2YL or FOVRA4X4YL to change level of straight horizontal runs. Cover included.	2x2	1	5
FIVRA4X4YL		4x4	1	5
Outside Vertical Right Angle Fitting				
FOVRA2X2YL	Attaches to channel to create a 90° downward angle from a straight horizontal run. Used with inside vertical 90° angle fitting FIVRA2X2YL or FIVRA4X4YL to change level of straight horizontal runs. Cover included.	2x2	1	5
FOVRA4X4YL		4x4	1	5
4x4 to 2x2 Fiber-Duct™ Reducer Fitting				
FRF42YL	Joins any 4x4 Fiber-Duct™ Fitting to the 2x2 Fiber-Duct™ Channel, S2X2YL6 or E2X2YL6. Cover included.	2x2 4x4	1	5

For other colors replace suffix YL (Yellow) with OR (Orange) or BL (Black).
Fittings include 5/16" assembly holes for fast mechanical fastening.

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E3. Pre-Printed & Write-On Markers

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FVTHD2X2



FTR2X2



FIDT2X2



FVT4X4



FTR4X4



FIDT4X4BL

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
2x2 Vertical Tee				
FVTHD2X2YL	Attaches to 2x2 channel to create a 90° vertical drop from a horizontal run. Hinged door included. Accepts channel cover in conjunction with channel. Use QuikLock™ Coupler FBC2X2YL with HS2X2YL6 or H2X2YL6 channels. Use snap rivets NR2WH-L or bolts F14PN-L with S2X2YL6 or E2X2YL6 channels. Also accepts FIDT2X2YL.	2x2	1	5
3-Sided BRC Trumpet Spillout for 2x2 Exit				
FTR2X2YL	Used to limit the bend radius of the cable to 2" (50.8mm) when exiting from a spill-over junction with a 2x2 exit or from 2x2 Fiber-Duct™ Channel.	2x2	1	5
1-Port Spillout to 1.5" (38mm) Inside Diameter Corrugated Tubing				
FIDT2X2YL	Used to route cable into one piece of 1.5" (38mm) diameter split corrugated tubing. Used with a spill-over junction with a 2x2 exit, 2x2 Fiber-Duct™ Fittings, and the 2x2 FiberRunner® Hinged Channel. Securely holds split corrugated tubing to ensure system integrity and easy access to add or remove cables.	2x2	1	5
4x4 Vertical Tee				
FVT4X4YL	Attaches to channel to create a 90° vertical drop from a horizontal run. Accepts FIDT4X4BL, FTR4X4YL, S4X4YL6 or E4X4YL6 directly.	4x4	1	5
3-Sided Vertical Tee Trumpet Spillout				
FTR4X4YL	Used to limit the bend radius of the cable to 2" (50.8mm) when exiting from a 4x4 or 6x4 FiberRunner® Vertical Tee and 4x4 Fiber-Duct™ Fittings.	4x4	1	5
2-Port Spillout to 1.5" (38mm) Inside Diameter Corrugated Tubing				
FIDT4X4BL	Used to route cable into one or two pieces of 1.5" (38mm) diameter split corrugated tubing. Used with FRVT6X4YL, FRVT4X4YL, or FVT4X4YL. Securely holds corrugated split tubing to ensure system integrity and easy access to add or remove cables. Black color only.	4x4	1	5

Fiber-Duct™ Bend Radius Control Trumpets

- Provide method to transition cabling into rack system
- Maintain 1 inch (25.4mm) bend radius control



TRC2BL



TRC4BL

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
TRC2BL	Bend radius control trumpet for exiting at the sidewall of 2" wall heights of type G, FS, E, or S Fiber-Duct™ Channels.	2x2	1	10
TRC4BL	Bend radius control trumpet for exiting at the sidewall of 4" wall heights of type G, FS, E, or S Fiber-Duct™ Channels.	4x4	1	10

Fiber-Duct™ Accessories



NR2WH-L
NR4BL-L



F14PWN-L



F14PN-L

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Snap Rivets				
NR2WH-L	Snap rivet fastens channel and fittings together for added strength and rigidity. Snap rivet mounts flush to surfaces.	2x2	50	500
NR4BL-L		4x4	50	500
Plastic Bolts and Nuts				
F14PWN-L	1/4" plastic bolts and wing nuts fastens channel and fittings together for added strength and rigidity.	2x2 4x4	50	500
Plastic Bolts and Nuts				
F14PN-L	1/4" plastic bolts and hex nuts fastens channel and fittings together for added strength and rigidity.	2x2 4x4	50	500

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Fiber-Duct™ Mounting Brackets

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FTRBE12, FTRBE58
FTRBE12M

B2. Cable Accessories



FTRBN12, FTRBN58
FTRBN12M

B3. Stainless Steel Ties

C1. Wiring Duct



FUSB

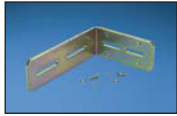
C2. Surface Raceway



FLRB

C4. Cable Management

D1. Terminals



FLB

D2. Power Connectors



FZBA1.5X4

D3. Grounding Connectors



FZBLP

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

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Part Number	Part Description	For Threaded Rod Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Existing Threaded Rod Bracket for Fiber-Duct™ System				
FTRBE12	Used for supporting the 2x2 and 4x4 Fiber-Duct™ Systems from existing threaded rod installations.	1/2"	1	10
FTRBE58	Bracket is secured to threaded rod with two split nuts. Contains hardware for attaching to threaded rods and hardware for mounting channel to bracket.	5/8"	1	10
FTRBE12M		12mm	1	10
New Threaded Rod Bracket for Fiber-Duct™ System				
FTRBN12	Used for supporting the 2x2 and 4x4 Fiber-Duct™ Systems from new threaded rod installations. Bracket is secured to threaded rod with two nuts. Contains hardware for attaching to threaded rods and hardware for mounting channel to bracket.	1/2"	1	10
FTRBN58		5/8"	1	10
FTRBN12M		12mm	1	10
Underfloor Pedestal Bracket for Fiber-Duct™ System				
FUSB	Used to support the 2x2 and 4x4 Fiber-Duct™ Systems by attaching to underfloor pedestal (not included). Use on pedestals up to 1" in diameter. Bracket contains hardware to attach to pedestal and hardware for mounting channel to bracket.	—	1	10
Ladder Rack Bracket for Fiber-Duct™ System				
FLRB	Used to support the 2x2 and 4x4 Fiber-Duct™ Systems attaching directly to any 3/8" (9.5mm) x 1 1/2" (38.1mm) or 3/8" (9.5mm) x 2" (50.8mm) ladder rack rail. No threaded rod required. Contains hardware for mounting channel to bracket.	—	1	10
"L" Wall Mount Bracket for Fiber-Duct™ System				
FLB	Used to support 2x2 and 4x4 Fiber-Duct™ Systems by attaching to a wall or the front or back of an equipment rack. Contains hardware for mounting channel to bracket.	—	1	10
Adjustable "Z" Bracket				
FZBA1.5X4	Bracket used to offset Fiber-Duct™ System from mounting surface, adjustable from 1.5" (38mm) to 4" (101mm). Typically used on the front of an equipment rack.	—	1	10
Low Profile "Z" Bracket				
FZBLP	Bracket used to offset 2x2 or 4x4 Fiber-Duct™ System and hinged duct from the front face of an equipment rack. Bracket provides a secure mounting surface .67" (17mm) from the front of an equipment rack.	—	1	10

Fiber-Duct™ Mounting Brackets (continued)



F2PCLB12
F2PCLB58



FRAF58

Part Number	Part Description	For Threaded Rod Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Two-Piece Ladder Rack Bracket for Attaching Threaded Rod to 1 1/2" – 2" Ladder Rack				
F2PCLB12	Two-piece bracket attaches to 3/8" (9.5mm) wide x 1 1/2" (38.1mm) or 3/8" (9.5mm) wide x 2" (50.8mm) ladder rack rail. Bracket halves slide into position and clamp together on the ladder rack rail, which allows for a one-handed assembly of the threaded rod (not included). Contains bracket and hardware for attaching bracket to ladder rack.	1/2"	1	10
F2PCLB58		5/8"	1	10
Two-Piece Framing Clip for Attaching 5/8" Threaded Rod to 2" x 9/16" C-Channel Auxiliary Framing Bars				
FRAF58	Two-piece framing clip attaches to auxiliary framing bars. Framing clip halves slide into position and interlock on the auxiliary framing bars, allowing easier assembly of the threaded rod to bars. Contains two-piece framing clip and hardware for attaching framing clip to auxiliary framing bars. (5/8" threaded rod not included.)	5/8"	1	10

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A. System Overview



2x2 and 4x4 Fiber-Duct™ Routing Systems

B1. Cable Ties

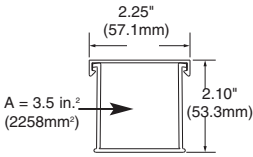
Cable Fills for 2x2 and 4x4 Fiber-Duct™ Cable Routing Systems

The maximum amounts may vary according to the cable fill installation methods, straightness of cables, etc.

B2. Cable Accessories

B3. Stainless Steel Ties

2x2 Fiber-Duct™ Cable Routing System							
Fill/Pile Up	Internal Area In. ²	Diameter 1.6mm .063"	Diameter 2.0mm .079"	Diameter 3.0mm .118"	Fiber Optic Flat Ribbon Interconnect Cable 5.20mm .205"	Category 6A Diameter 7.57mm .298"	Cat. 6 Diameter 6.35mm .250"
40% Fill							
2" Pile Up	3.5	449	288	128	42	20	29
50% Fill							
2" Pile Up	3.5	562	359	160	53	25	36
60% Fill							
2" Pile Up	3.5	674	431	192	64	30	43



Channel cutting instructions: For optimum results, use a miter box and saw. For larger quantities use a plastic cutting saw blade for clean, burr-free cuts. Recommend: Carbide 80T and 100T; .090" thickness, .125" kerf.

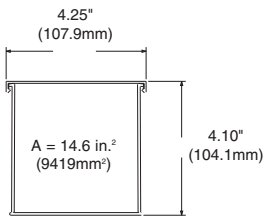
C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

4x4 Fiber-Duct™ Cable Routing System							
Fill/Pile Up	Internal Area In. ²	Diameter 1.6mm .063"	Diameter 2.0mm .079"	Diameter 3.0mm .118"	Fiber Optic Flat Ribbon Interconnect Cable 5.20mm .205"	Category 6A Diameter 7.57mm .298"	Cat. 6 Diameter 6.35mm .250"
40% Fill							
2" Pile Up	7.6	976	624	277	92	44	62
3" Pile Up	11.3	1450	928	413	137	65	92
4" Pile Up	14.6	1874	1199	533	177	84	119
50% Fill							
2" Pile Up	7.6	1219	780	347	115	54	77
3" Pile Up	11.3	1813	1160	516	171	81	115
4" Pile Up	14.6	2343	1499	666	221	105	149
60% Fill							
2" Pile Up	7.6	1463	936	416	138	65	93
3" Pile Up	11.3	2176	1392	619	205	97	138
4" Pile Up	14.6	2811	1799	800	265	126	178



Channel cutting instructions: For optimum results, use a miter box and saw. For larger quantities use a plastic cutting saw blade for clean, burr-free cuts. Recommend: Carbide 80T and 100T; .090" thickness, .125" kerf.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

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