

A.
System
Overview



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

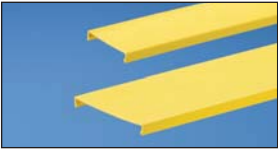
C2.
Surface
Raceway



**E2X2
E4X4**

C3.
Abrasion
Protection

C4.
Cable
Management



**C2
C4**

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

| 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 |

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 |

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. Includes cover. | 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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Systems

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Labels

E3.
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& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Panduit:

[S4X4YL6NM](#) [FCF4X4YL](#) [FRA4X4YL](#) [FCF2X2YL](#) [FRA2X2YL](#)