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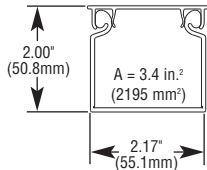Index

PANDUIT®

PHYSICAL INFRASTRUCTURE SYSTEMS

2x2 FiberRunner® Routing System

Cable Fills for 2x2 FiberRunner® Cable Routing System

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

2.00" (50.8mm)

A = 3.4 in.² (2195 mm²)

2.17" (55.1mm)

2x2 FiberRunner® Cable Routing System								
Fill/Pile Up	Internal Area (in²)	Diameter 1.6mm 0.063"	Diameter 2.0mm 0.079"	Diameter 3.0mm 0.118"	Fiber Optic Ribbon Interconnect Cable Diameter 5.20mm 0.205"	Category 6A (SD) Diameter 6.1mm 0.240"	Category 6A Diameter 7.6mm 0.300"	Category 6 Diameter 6.1mm 0.240"
40% Fill								
2" Pile Up	3.40	436	279	124	41	30	19	30
50% Fill								
2" Pile Up	3.40	546	349	155	52	38	24	38
60% Fill								
2" Pile Up	3.40	655	419	186	62	45	29	45

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.

The above cable diameters represent the nominal Panduit cable diameter per performance level.
For specific cable fill information based on specific part numbers, please contact Panduit customer service.

2x2 FiberRunner® Routing System – Channels and Cover

- 2x2 system ideal for use with smaller cable counts
- Multiple spillout options provide versatility to mate to various equipment and rack configurations
- QuikLock™ Couplers reduce system installation time dramatically
- Channel, covers, fittings and other non-metallic system components made from V-0 flame class rated material

- Compatible with all sizes of Panduit® FiberRunner® and Panduit® Fiber-Duct™ Routing Systems, cable management, and racks
- 2x2 FiberRunner® Hinged and Slotted Channels can be used with 2x2 Fiber-Duct™ fittings (see page J.52) and brackets (see pages J.55 and J.56)
- Compliant with the applicable tests in Telcordia GR-63-CORE Network Equipment Building Systems (NEBS) Level 3

HS2X2

H2X2

HC2

WR2H-C

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
2x2 FiberRunner® Hinged Channel			
HS2X2YL6NM	Used to carry the cables throughout the system. Accepts hinged cover HC2YL6. Use QuikLock™ Coupler FBC2X2YL to attach channel and/or fittings.	6	120
2x2 FiberRunner® Hinged Slotted Channel			
H2X2YL6	Used to carry the cables vertically to the front or the back of equipment racks throughout the system. Accepts hinged cover HC2YL6. Extra supports required when used in horizontal applications. Use QuikLock™ Coupler FBC2X2YL to attach channel and/or fittings.	6	120
2x2 Snap-On Hinged Cover			
HC2YL6	Optional snap-on cover for hinged channel HS2X2YL6 or H2X2YL6. The innovative cover can hinge open to 90° from either side of the channel and be removed completely if desired.	6	120
Cable Retainer for 2x2 System			
WR2H-C	Cable retainer can be installed between the slotted channel (H2X2YL6) fingers to retain cables. It can be used with cover and installs anywhere on channel. One retainer should be used approximately every 18" (457mm). Black color only.	100	1000

NOTE: Available with mounting holes. To order, delete NM from the part number.
For other colors replace YL (Yellow) with OR (Orange), BL (Black), or LG (Light Gray).
Order number of feet required, in multiples of standard 6' length increments.