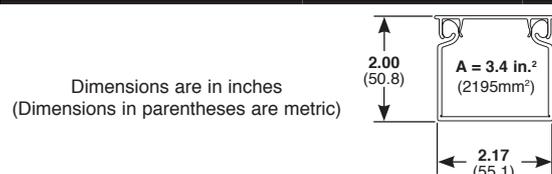


specifications

The 2x2 routing system shall be a system of channel, fittings, and brackets designed to segregate, route, and protect fiber optic and high performance copper cabling. Channel and fittings shall be assembled using pre-assembled couplers. A selection of spillout options shall be available that easily attach using the vertical tee. Fittings maintain a minimum 2" bend radius to protect against signal loss due to excessive cable bends. Available system colours shall be yellow and black. A full complement of brackets shall be available for attaching system components to ladder rack, threaded rod, auxiliary framing, strut, equipment racks and raised floor pedestals.



technical information



| Open channel 50% fill capacity: (2" pile up) | Cable | No. of Cables |
|--|--|---------------|
| | 1.6mm | 546 |
| | 2.0mm | 349 |
| | 3.0mm | 155 |
| Fiber Optic Ribbon | | |
| Interconnect | 5.20mm | 52 |
| Category 6 | 6.35mm | 35 |
| Category 6A | 7.57mm | 24 |
| Material: | LSZH PC (Channel), LSZH PC/ABS (Fittings) | |
| Flammability: | 94V-0 | |
| Approvals: | UL Listed to 2024 Optical Fiber Cable Routing Assemblies | |

key features and benefits

| | |
|------------------------------|--|
| Fastest installations | No bolts need to be tightened and no tools are required when installing the QuikLock™ Coupler; QuikLock™ Couplers take less than five seconds to make a mechanically secure connection |
| Easy to maintain | Hinged channel cover, hinged door vertical tee and solid fitting covers protect cabling and provide fast and easy access for future cabling moves, adds, and changes |
| System strength | Robust system of channel, covers, fittings, and other non-metallic system components protect cable from physical damage; system includes full range of directional and spillout fittings |
| Versatility | The vertical tee accepts a 3-sided trumpet, transition to corrugated tubing and Panduit™ FiberRunner™ Systems |
| Cable protection | A minimum 2" bend radius maintained throughout all fittings prevents excessive bends in fiber optic cabling |

applications

The FiberRunner™ 2x2 Routing System is a system of channel, fittings, and brackets designed to segregate, route, and protect fiber optic and high performance copper cabling. It is suited for data center applications where cable is routed from distribution areas to equipment cabinets or racks. It is used in Telco Central Offices to route fiber optic jumper cables between fiber distribution frames and equipment bays. It can be deployed over the racks or in approved underfloor applications. Channel and fittings are assembled using timesaving Panduit™ QuikLock™ Couplers.

A selection of spillout options is available that easily attach using the vertical tee. Fittings maintain a 2" bend radius to protect against signal loss due to excessive cable bends. Available system colours are yellow and black to differentiate various types of cabling. A full complement of brackets is available to attach system components to support structures found in all applications. The FiberRunner™ 2x2 Routing System is part of the Panduit™ complete fiber distribution system, which includes the FiberRunner™ 24x4, 12x4, 6x4, and 4x4 Routing Systems, cable management, and racks.

Channel and Cover

| | |
|--|-------------|
| 2x2 solid hinged channel (2 Meter): | HS2X2L**2NM |
| 2x2 slotted hinged channel (2 Meter): | HS2X2L**2 |
| 2x2 hinged cover (2 Meter): | HC2L**2 |

Fittings and Spillouts

| | |
|--|-------------|
| QuikLock™ Coupler: | FBC2X2L** |
| Horizontal right angle: | FRA2X2L** |
| Horizontal tee: | FT2X2L** |
| 4-way cross: | FFWC2X2L** |
| End cap: | FHDEC2X2L** |
| Inside vertical 45°: | FIV452X2L** |
| Outside vertical 45°: | FOV452X2L** |
| Inside vertical 90°: | FIVRA2X2L** |
| Outside vertical 90°: | FOVRA2X2L** |
| 4x4 Fiber-Duct™ to 2x2 reducer: | FRF42L** |
| 4x4 FiberRunner™ to 2x2 reducer: | FRRF4FD2L** |
| Vertical tee: | FVTHD2X2L** |
| 3-sided BRC trumpet spillout: | FTR2X2L** |
| 1-port spillout to 1.5" I.D. corrugated tubing: | FIDT2X2L** |
| 2x2 hinged duct vertical cable manager kit: | FRHD2KTL** |
| Hinged channel 1" bend radius control trumpet: | TRC2HDLBL |

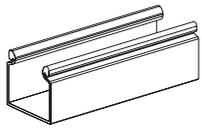
Mounting Brackets

| | |
|--|-----------|
| Existing 1/2" thr rod bracket: | FTRBE12 |
| Existing 5/8" thr rod bracket: | FTRBE58 |
| New 1/2" thr rod bracket: | FTRBN12 |
| New 5/8" thr rod bracket: | FTRBN58 |
| Underfloor bracket: | FUSB |
| Ladder rack bracket: | FLRB |
| "L" wall mount bracket: | FLB |
| Adjustable "Z" bracket: | FZBA1.5X4 |
| Low profile "Z" bracket: | FZBLP |
| Two-piece ladder rack bracket 1/2" thr rod: | F2PCLB12 |
| Two-piece ladder rack bracket 5/8" thr rod: | F2PCLB58 |
| Two-piece framing clip 5/8" thr rod to 9/16" C-channel aux. framing bars: | FRAFCS8 |

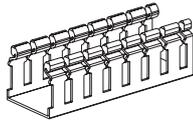
**Substitute: YL = Yellow, BL = Black

FiberRunner™ 2x2 Routing System EMEA

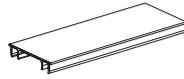
channel and cover



HS2X2L**2NM

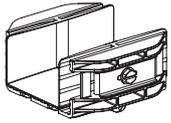


H2X2L**2

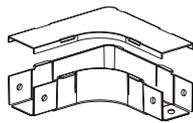


HC2L**2

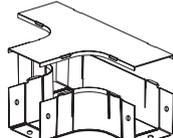
fittings, split covers, and spillouts



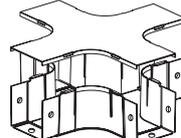
FBC2X2L**



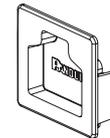
FRA2X2L**



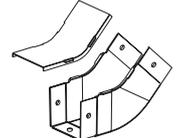
FT2X2L**



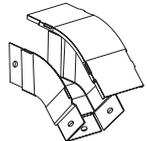
FFWC2X2L**



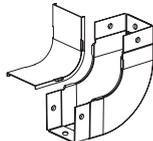
FHDEC2X2L**



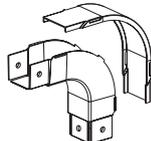
FIV452X2L**



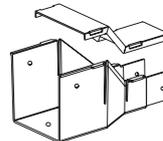
FOV452X2L**



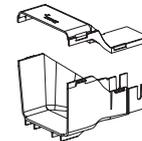
FIVRA2X2L**



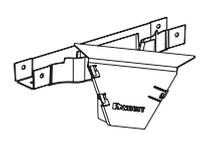
FOVRA2X2L**



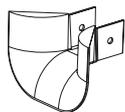
FRF42L**



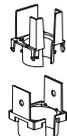
FRRF4FD2L**



FVTHD2X2L**



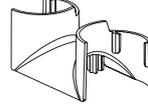
FTR2X2L**



FIDT2X2L**

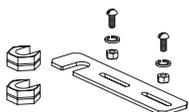


FRHD2KTL**

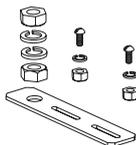


TRC2HDLBL

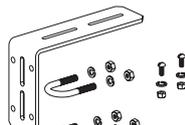
QuikLock™ Mounting Brackets



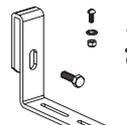
FTRBE12
FTRBE58



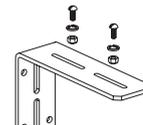
FTRBN12
FTRBN58



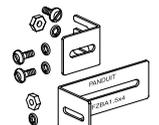
FUSB



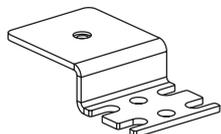
FLRB



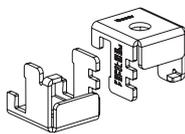
FLB



FZBA1.5X4



FZBLP



F2PCLB12
F2PCLB58



FRAFCS8

**Substitute: YL = Yellow, BL = Black

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