FiberRunner® 2x2 Routing System

**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 colors shall be yellow, orange, 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**

Dimensions are in inches (Dimensions in parentheses are metric).

<table>
<thead>
<tr>
<th>Open channel</th>
<th>Cable No. of Cables</th>
</tr>
</thead>
<tbody>
<tr>
<td>50% fill capacity:</td>
<td></td>
</tr>
<tr>
<td>(2&quot; pile up)</td>
<td></td>
</tr>
<tr>
<td>1.6mm</td>
<td>546</td>
</tr>
<tr>
<td>2.0mm</td>
<td>349</td>
</tr>
<tr>
<td>3.0mm</td>
<td>155</td>
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</table>

| Fiber optic Ribbon Interconnect | |
| Category 6 | 25 |
| Category 6A | 35 |

Material: Rigid PVC (Channel), ABS (Fittings)

**Approvals:**

UL Listed to 2024A Optical Fiber Cable Routing Assemblies Compliant with the applicable tests in Telcordia GR-63-CORE Network Equipment Building Systems Level 3

**CSI spec form:** LP-CSISPEC-FR

**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 fittings cover protect cabling and provide fast and easy access for future cabling moves, adds, and changes.

**System strength**

Robust system of channel, covers, fittings and 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® and Fiber-Duct™ 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 colors are yellow, orange, and black to differentiate various types of cabling.

www.panduit.com
channel and cover

HS2X2**6NM  H2X2**6  HC2**6  WR2H-C

fittings, split covers, and spillouts

FBC2X2**  FRA2X2**  FT2X2**  FFWC2X2**  FHDEC2X2**  FIV452X2**

FOV452X2**  FIVRA2X2**  FOVRA2X2**  FRF42**  FRRF4FD2**  FVTHD2X2**

FTR2X2**  FIDT2X2**  FRHD2KT**  TRC2HDBL

QuikLock™ Mounting Brackets

FTRBE12  FTRBE58  FTRBN12  FTRBN58  FUSB  FLRB  FLB  FZBA1.5X4

FZBLP  F2PCLB12  F2PCLB58  FRAFC58

**Substitute: YL = Yellow, OR = Orange, BL = Black