

### 6x4 FiberRunner® QuikLock™ Coupler

- Pre-assembled to provide fast mechanical assembly of components
- No tools required for installation; bolts loosen for component disassembly



Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>FRBC6X4YL</b>	Pre-assembled coupler quickly joins two sections of channel and/or fittings. Mechanically attaches without tightening bolts. Bolts release using 3/8" nut driver to allow coupler to be removed if necessary.	1	5

For a bulk package of 20 couplers, order FRBC6X4YL-E.  
For other colors replace suffix YL (Yellow) with OR (Orange) or BL (Black).

### 6x4 FiberRunner® System Fittings

- Minimum 2" (50.8mm) bend radius control fittings
- Optional split covers snap onto each fitting
- Protect against signal loss and performance degradation
- Covers feature 3/4" (19mm) gap to allow cable to be laid in
- Assemble using FRBC QuikLock™ Couplers



FRRA6X4



FRASC6



FRH456X4



FRH45SC6



FRT6X4



FRTSC6

Part Number	Part Description	Couplers Required	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>6x4 Horizontal Right Angle Fitting</b>				
<b>FRRA6X4YL</b>	Attaches to 6x4 channel and/or fittings to create a 90° horizontal turn from a straight horizontal run. Accepts optional split cover FRRASC6YL.	(2 pcs.) FRBC6X4YL	1	5
<b>Split Cover for 6x4 Horizontal Right Angle Fitting</b>				
<b>FRASC6YL</b>	Optional split cover for the horizontal right angle fitting FRRA6X4YL. Snap-on feature allows cover to be installed and removed with no tools required. Creates radiused 3/4" (19mm) opening for easy access to add or remove cables.	—	1	5
<b>6x4 Horizontal 45° Angle Fitting</b>				
<b>FRH456X4YL</b>	Attaches to 6x4 channel and/or fittings to create a 45° horizontal turn from a straight horizontal run. Accepts optional split cover FRH45SC6YL.	(2 pcs.) FRBC6X4YL	1	5
<b>Split Cover for 6x4 Horizontal 45° Angle Fitting</b>				
<b>FRH45SC6YL</b>	Optional split cover for the horizontal 45° angle fitting FRH456X4YL. Snap-on feature allows cover to be installed and removed with no tools required. Creates radiused 3/4" (19mm) opening for easy access to add or remove cables.	—	1	5
<b>6x4 Horizontal Tee Fitting</b>				
<b>FRT6X4YL</b>	Attaches to 6x4 channel and/or fittings to create a 90° horizontal branch from a straight horizontal run. Accepts optional split cover FRTSC6YL.	(3 pcs.) FRBC6X4YL	1	5
<b>Split Cover for 6x4 Horizontal Tee Fitting</b>				
<b>FRTSC6YL</b>	Optional split cover for the horizontal tee fitting FRT6X4YL. Snap-on feature allows cover to be installed and removed with no tools required. Creates radiused 3/4" (19mm) opening for easy access to add or remove cables.	—	1	5

For other colors replace suffix YL (Yellow) with OR (Orange) or BL (Black).

Table continues on next page

**6x4 FiberRunner<sup>®</sup> System Fittings (continued)****FRFWC6X4****FRFWCSC6YL****FREXC6X4YL****FRIVRA6X4YL****FRIV456X4YL****FROV456X4YL****FROV45SC6YL**

Part Number	Part Description	Couplers Required	Std. Pkg. Qty.	Std. Ctn. Qty.
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**6x4 Four Way Cross Fitting**

<b>FRFWC6X4YL</b>	Attaches to 6x4 channel and/or fittings to create a horizontal four way cross intersection. Accepts optional split cover FRFWCSC6YL.	(4 pcs.) FRBC6X4YL	1	5
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**Split Cover for 6x4 Four Way Cross Fitting**

<b>FRFWCSC6YL</b>	Optional split cover for the four way cross fitting FRFWC6X4YL. Snap-on feature allows cover to be installed and removed with no tools required. Creates radiused 3/4" (19mm) opening for easy access to add or remove cables.	—	1	5
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**6x4 End Cap Fitting**

<b>FREXC6X4YL</b>	Used for closing off open ends of the channel or fittings. No coupler required. Push-on installation.	—	1	5
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**6x4 Inside Vertical 90° Angle Fitting**

<b>FRIVRA6X4YL</b>	Attaches to 6x4 channel and/or fittings to create a 90° upward angle from a straight horizontal run. Used with outside vertical 90° angle fitting FROVRA6X4YL to change level of a straight horizontal run. Includes split cover.	(2 pcs.) FRBC6X4YL	1	5
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**6x4 Inside Vertical 45° Angle Fitting**

<b>FRIV456X4YL</b>	Attaches to 6x4 channel and/or fittings to create a 45° upward angle from a straight horizontal run. Used with outside vertical 45° angle fitting FROV456X4YL to change level of a straight horizontal run. Includes split cover.	(2 pcs.) FRBC6X4YL	1	5
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**6x4 Outside Vertical 45° Angle Fitting**

<b>FROV456X4YL</b>	Attaches to 6x4 channel and/or fittings to create a 45° downward angle from a straight horizontal run. Used with inside vertical 45° angle fitting FRIV456X4YL to change level of a straight horizontal run. Accepts optional split cover FROV45SC6YL.	(2 pcs.) FRBC6X4YL	1	5
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**Split Cover for 6x4 Outside Vertical 45° Angle Fitting**

<b>FROV45SC6YL</b>	Optional split cover for the outside vertical 45° angle fitting FROV456X4YL. Snap-on feature allows cover to be installed and removed with no tools required. Creates radiused 3/4" (19mm) opening for easy access to add or remove cables.	—	1	5
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For other colors replace suffix YL (Yellow) with OR (Orange) or BL (Black).

### 6x4 FiberRunner® System Fittings (continued)



FROVRA6X4



FROVRASC6



FRRF6FR4



FRRF6FR4SC



FRRF64

Part Number	Part Description	Couplers Required	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>6x4 Outside Vertical Right Angle Fitting</b>				
<b>FROVRA6X4YL</b>	Attaches to 6x4 channel and/or fittings to create a 90° vertical turn down from a straight horizontal run. Accepts optional split cover FROVRASC6YL.	(2 pcs.) FRBC6X4YL	1	5
<b>Split Cover for 6x4 Outside Vertical Right Angle Fitting</b>				
<b>FROVRASC6YL</b>	Optional split cover for the outside vertical right angle fitting FROVRA6X4YL. Snap-on feature allows cover to be installed and removed with no tools required. Creates radiused 3/4" (19mm) opening for easy access to add or remove cables.	—	1	5
<b>6x4 to 4x4 FiberRunner® Reducer Fitting</b>				
<b>FRRF6FR4YL</b>	Attaches any 6x4 FiberRunner® Fitting or Channel to any 4x4 FiberRunner® Fitting or Channel. Accepts split cover FRRF6FR4SCYL.	(1 pc.) FRBC6X4YL (1 pc.) FRBC4X4YL	1	5
<b>Split Cover for 6x4 to 4x4 FiberRunner® Reducer Fitting</b>				
<b>FRRF6FR4SCYL</b>	Optional split cover for the 6x4 FiberRunner® to 4x4 FiberRunner® Reducer Fitting FRRF6FR4YL. Snap-on feature allows cover to be installed and removed with no tools required. Creates radiused 3/4" (19mm) opening for easy access to add or remove cables.	—	1	5
<b>6x4 FiberRunner® System to 4x4 Fiber-Duct™ Reducer Fitting</b>				
<b>FRRF64YL</b>	Attaches any 6x4 FiberRunner® Fitting or Channel to the 4x4 Fiber-Duct™ Channel S4X4YL6 or E4X4YL6. Includes solid cover.	(1 pc.) FRBC6X4YL	1	5

For other colors replace suffix YL (Yellow) with OR (Orange) or BL (Black).

A.  
System  
Overview

B.  
Copper  
Systems

C.  
Fiber  
Optic  
Systems

D.  
Power  
over  
Ethernet

E.  
Zone  
Cabling

F.  
Wireless

G.  
Outlets

H.  
Media  
Distribution

I.  
Physical  
Infrastructure  
Management

J.  
Overhead &  
Underfloor  
Routing

K.  
Surface  
Raceway

L.  
Cabinets,  
Racks &  
Cable  
Management

M.  
Grounding &  
Bonding

N.  
Industrial

O.  
Labeling &  
Identification

P.  
Cable  
Management  
Accessories

Q.  
Index