

# RCP-4KBPUZ04639B



RapidFiber® Termination Panel, 288-Position 4RU, singlemode, LC/UPC to LC/APC breakouts, 4.6m cable with 39 inch breakout length and 1.2MM Breakout Jacketing

## Product Classification

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Regional Availability</b> | Latin America   North America       |
| <b>Portfolio</b>             | CommScope®                          |
| <b>Product Type</b>          | Fiber patch panel, with rapid cable |
| <b>Product Brand</b>         | RapidFiber®                         |
| <b>Product Series</b>        | RCP                                 |

## General Specifications

|                                  |   |
|----------------------------------|---|
| <b>Functionality</b>             | Patching                                      |
| <b>Body Style</b>                | Symmetrical                                   |
| <b>Cable Exit Location</b>       | Rear, left side                               |
| <b>Cable Stub Type</b>           | IFC, stranded                                 |
| <b>Color</b>                     | Putty white                                   |
| <b>Door Type, front</b>          | Hinged   Slide latch   Transparent            |
| <b>Growth Configuration</b>      | Fully loaded                                  |
| <b>Interface, front</b>          | LC/UPC  |
| <b>Interface, rear</b>           | LC/APC  |
| <b>Patch Cord Entry Location</b> | Front, left side   Front, right side          |
| <b>Rack Type</b>                 | EIA 19 in   EIA 23 in                         |
| <b>Rack Units</b>                | 4   |
| <b>Shelf Movement</b>            | Sliding                                       |
| <b>Total Fibers, quantity</b>    | 288   |
| <b>Total Ports, quantity</b>     | 288   |
| <b>Transmission Standards</b>    | IEC 60794-2   ISO/IEC 11801   TIA/EIA-568-B.3 |

## Dimensions

|               |                 |
|---------------|-----------------|
| <b>Height</b> | 177.8 mm   7 in |
|---------------|-----------------|

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|                        |                  |
|------------------------|------------------|
| <b>Width</b>           | 482.6 mm   19 in |
| <b>Depth</b>           | 381 mm   15 in   |
| <b>Breakout Length</b> | 39 in            |

## Ordering Tree

RCP X - X X X X U X X X X X X X

| Panel Color |   |
|-------------|---|
| B           | Black <sup>1</sup> (Leave blank for 5M) |

| Panel Size |                |
|------------|----------------|
| 1          | 1U (1.75") EIA |
| 3          | 3U (5.25") EIA |
| 4          | 4U (7.00") EIA |

| Front Bulkhead Adapter/Connector |                           |
|----------------------------------|---------------------------|
| T                                | SC OM4 MULTIMODE (AQUA)   |
| C                                | LC OM4 MULTIMODE (AQUA)   |
| 7                                | SC/APC SINGLEMODE SIMPLEX |
| K                                | LC/APC SINGLEMODE SIMPLEX |
| J                                | SC/APC SINGLEMODE SIMPLEX |
| Z                                | LC/APC SINGLEMODE SIMPLEX |

| Fiber Count of Loaded |                        |
|-----------------------|------------------------|
| 1                     | 12 FIBER               |
| 2                     | 24 FIBER               |
| 4                     | 48 FIBER               |
| 7                     | 72 FIBER               |
| A                     | 144 FIBER              |
| B                     | 288 FIBER <sup>2</sup> |

| Cable Construction |          |
|--------------------|----------|
| U                  | Stranded |

| Cable Type |                             |
|------------|-----------------------------|
| P          | INDOOR RATED (RISER/PLENUM) |
| D          | INDOOR/OUTDOOR              |

| Far End Connector |                           |
|-------------------|---------------------------|
| T                 | SC OM4 MULTIMODE (AQUA)   |
| C                 | LC OM4 MULTIMODE (AQUA)   |
| K                 | LC/APC SINGLEMODE SIMPLEX |
| J                 | SC/APC SINGLEMODE SIMPLEX |
| Z                 | LC/APC SINGLEMODE SIMPLEX |
| 7                 | SC/APC SINGLEMODE SIMPLEX |

| Cable Length (in meters) <sup>1</sup> |                              |
|---------------------------------------|------------------------------|
| 031                                   | 100 FT SPOOLED (31 METERS)   |
| 061                                   | 200 FT SPOOLED (61 METERS)   |
| 092                                   | 300 FT SPOOLED (92 METERS)   |
| 122                                   | 400 FT SPOOLED (122 METERS)  |
| 153                                   | 500 FT SPOOLED (153 METERS)  |
| 183                                   | 600 FT SPOOLED (183 METERS)  |
| 213                                   | 700 FT SPOOLED (213 METERS)  |
| 244                                   | 800 FT SPOOLED (244 METERS)  |
| 274                                   | 900 FT SPOOLED (274 METERS)  |
| 305                                   | 1000 FT SPOOLED (305 METERS) |
| For Fiber Count = 288 Fiber (B)       |                              |
| 023                                   | 75 FT SPOOLED (23 METERS)    |
| 046                                   | 150 FT SPOOLED (46 METERS)   |
| 069                                   | 225 FT SPOOLED (69 METERS)   |
| 092                                   | 300 FT SPOOLED (92 METERS)   |
| 114                                   | 375 FT SPOOLED (114 METERS)  |
| 137                                   | 450 FT SPOOLED (137 METERS)  |
| 160                                   | 525 FT SPOOLED (160 METERS)  |
| 183                                   | 600 FT SPOOLED (183 METERS)  |
| 206                                   | 675 FT SPOOLED (206 METERS)  |
| 229                                   | 750 FT SPOOLED (229 METERS)  |

| Breakout Jacketing |                             |
|--------------------|-----------------------------|
|                    | 2.00MM BREAKOUT             |
| A                  | 900UM BREAKOUT              |
| B                  | 1.2MM BREAKOUT <sup>4</sup> |

| Breakout Length |                      |
|-----------------|----------------------|
| 09              | 108" (9 FT BREAKOUT) |
| 25              | 25" BREAKOUT         |
| 39              | 39" BREAKOUT         |
| 45              | 45" BREAKOUT         |
| 67              | 67" BREAKOUT         |

ONLY FOR MULTIMODE VERSION.<sup>1</sup>  
 ONLY AVAILABLE IN RISER/PLENUM (P) CABLE TYPE<sup>2</sup>  
 RAPID PANEL IS DESIGNED AND QUALIFIED FOR UP TO 1000' (305 METERS) OF CABLE.<sup>3</sup>  
 ONLY AVAILABLE IN LC288 4RU<sup>4</sup>

## Material Specifications

|                      |               |
|----------------------|---------------|
| <b>Finish</b>        | Powder coated |
| <b>Material Type</b> | Steel         |

## Optical Specifications

|                   |                       |
|-------------------|-----------------------|
| <b>Fiber Mode</b> | Singlemode            |
| <b>Fiber Type</b> | G.652.D   G.657.A2/B2 |

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## Environmental Specifications

|                                |  |
|--------------------------------|--|
| <b>Operating Temperature</b>   | -5 °C to +55 °C (+23 °F to +131 °F)  |
| <b>Storage Temperature</b>     | -40 °C to +70 °C (-40 °F to +158 °F)   |
| <b>Relative Humidity</b>       | 5%–85%, non-condensing   |
| <b>Qualification Standards</b> | NEBS Level 3   Telcordia GR-1435   Telcordia GR-326   Telcordia GR-409   UL 1863 |

## Packaging and Weights

|                           |   |
|---------------------------|---|
| <b>Packaging quantity</b> | 1 |
|---------------------------|---|

## Included Products

|                                |   |  |
|--------------------------------|---|--|
| 760245201<br>P-024-MP-8V-F30YL | – | Fiber indoor cable, Plenum for MPO Light Duty Patchcords, 24 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color |
|--------------------------------|---|--|

# 760245201 | P-024-MP-8V-F30YL

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Fiber indoor cable, Plenum for MPO Light Duty Patchcords, 24 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   Latin America   Middle East/Africa   North America |
| <b>Portfolio</b>             | CommScope®  |
| <b>Product Type</b>          | Fiber indoor cable  |
| <b>Product Series</b>        | P-MP  |

## General Specifications

|                          |                 |
|--------------------------|-----------------|
| <b>Cable Type</b>        | MPO trunk cable |
| <b>Construction Type</b> | Non-armored     |
| <b>Subunit Type</b>      | Gel-free        |
| <b>Jacket Color</b>      | Yellow          |
| <b>Jacket Marking</b>    | Feet            |
| <b>Total Fiber Count</b> | 24              |

## Dimensions

|                             |                 |
|-----------------------------|-----------------|
| <b>Diameter Over Jacket</b> | 3 mm   0.118 in |
|-----------------------------|-----------------|

## Representative Image

# 760245201 | P-024-MP-8V-F30YL



## Mechanical Specifications

|  |                                       |
|--|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 45 mm   1.772 in                      |
| <b>Minimum Bend Radius, unloaded</b>     | 24 mm   0.945 in                      |
| <b>Tensile Load, long term, maximum</b>  | 80 N   17.985 lbf                     |
| <b>Tensile Load, short term, maximum</b> | 267 N   60.024 lbf                    |
| <b>Compression</b>                       | 4 N/mm   22.841 lb/in                 |
| <b>Compression Test Method</b>           | FOTP-41   IEC 60794-1 E3              |
| <b>Flex</b>                              | 300 cycles                            |
| <b>Flex Test Method</b>                  | FOTP-104   IEC 60794-1 E6             |
| <b>Impact</b>                            | 0.74 N-m   6.55 in lb                 |
| <b>Impact Test Method</b>                | FOTP-25   IEC 60794-1 E4              |
| <b>Strain</b>                            | See long and short term tensile loads |
| <b>Strain Test Method</b>                | FOTP-33   IEC 60794-1 E1              |
| <b>Twist</b>                             | 10 cycles                             |
| <b>Twist Test Method</b>                 | FOTP-85   IEC 60794-1 E7              |
| <b>Vertical Rise, maximum</b>            | 500 m   1,640.42 ft                   |

## Optical Specifications

|                   |   |
|-------------------|---|
| <b>Fiber Type</b> | G.652.D   G.652.D   G.657.A2/B2   G.657.A2/B2   OS2   OS2 |
|-------------------|---|

## Environmental Specifications

|                                 |                                    |
|---------------------------------|------------------------------------|
| <b>Installation temperature</b> | 0 °C to +70 °C (+32 °F to +158 °F) |
|---------------------------------|------------------------------------|

# 760245201 | P-024-MP-8V-F30YL

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Operating Temperature</b>         | 0 °C to +70 °C (+32 °F to +158 °F)    |
| <b>Storage Temperature</b>           | -40 °C to +70 °C (-40 °F to +158 °F)  |
| <b>Cable Qualification Standards</b> | ANSI/ICEA S-83-596   Telcordia GR-409 |
| <b>Environmental Space</b>           | Plenum                                |
| <b>Flame Test Listing</b>            | NEC OFNP (ETL) and c(ETL)             |
| <b>Flame Test Method</b>             | NFPA 130   NFPA 262                   |

## Environmental Test Specifications

|                                      |                                    |
|--------------------------------------|------------------------------------|
| <b>Heat Age</b>                      | 0 °C to +85 °C (+32 °F to +185 °F) |
| <b>Heat Age Test Method</b>          | IEC 60794-1 F9                     |
| <b>Low High Bend</b>                 | 0 °C to +70 °C (+32 °F to +158 °F) |
| <b>Low High Bend Test Method</b>     | FOTP-37   IEC 60794-1 E11          |
| <b>Temperature Cycle</b>             | 0 °C to +70 °C (+32 °F to +158 °F) |
| <b>Temperature Cycle Test Method</b> | FOTP-3   IEC 60794-1 F1            |

## Packaging and Weights

|                     |                          |
|---------------------|--------------------------|
| <b>Cable weight</b> | 9.3 kg/km   6.249 lb/kft |
|---------------------|--------------------------|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system   |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |



## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable