

RCP-4KBPUZ16039B



RapidFiber® Termination Panel, 288-Position 4RU, singlemode, LC/UPC to LC/APC breakouts, 160m cable with 39 inch breakout length and 1.2 MM Breakout Jacketing

Product Classification

Regional Availability	Latin America North America
Portfolio	CommScope®
Product Type	Fiber patch panel, with rapid cable
Product Brand	RapidFiber®
Product Series	RCP

General Specifications

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

Dimensions

Height	177.8 mm 7 in
---------------	-----------------

RCP-4KBPUZ16039B

Width	482.6 mm 19 in
Depth	381 mm 15 in
Breakout Length	39 in

Ordering Tree

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

Panel Color	
B	Black ¹ (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 ²

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) ¹	
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 ⁴

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

ONLY FOR MULTIMODE VERSION.¹
 ONLY AVAILABLE IN RISER/PLENUM (P) CABLE TYPE²
 RAPID PANEL IS DESIGNED AND QUALIFIED FOR UP TO 1000' (305 METERS) OF CABLE.³
 ONLY AVAILABLE IN LC288 4RU⁴

Material Specifications

Finish	Powder coated
Material Type	Steel

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.652.D G.657.A2/B2

RCP-4KBPUZ16039B

Environmental Specifications

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

Packaging and Weights

Packaging quantity	1
---------------------------	---

Included Products

760245201 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



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

Product Classification

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

General Specifications

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

Dimensions

Diameter Over Jacket	3 mm 0.118 in
-----------------------------	-----------------

Representative Image

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



Mechanical Specifications

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

Optical Specifications

Fiber Type	G.652.D G.652.D G.657.A2/B2 G.657.A2/B2 OS2 OS2
-------------------	---

Environmental Specifications

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)
---------------------------------	------------------------------------

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

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

Environmental Test Specifications

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

Packaging and Weights

Cable weight	9.3 kg/km 6.249 lb/kft
---------------------	--------------------------

Regulatory Compliance/Certifications

Agency	Classification
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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable