

Fiber indoor cable, Riser All-Dielectric Central Tube, 16-fiber Rollable Ribbons, 288 fiber, 200um Singlemode G.657.A2, Feet jacket marking, Yellow jacket color

Product Classification

Regional Availability	North America
Portfolio	CommScope®
Product Type	Fiber indoor cable

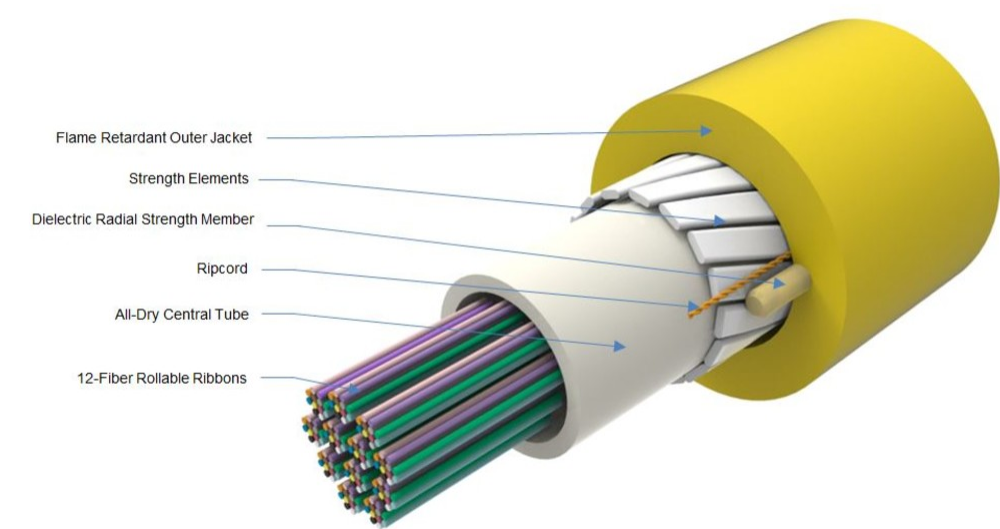
General Specifications

Cable Type	Ribbon central tube
Construction Type	Non-armored
Subunit Type	Gel-free
Fibers per Ribbon, quantity	16
Jacket Color	Yellow
Jacket Marking	Feet
Total Fiber Count	288

Dimensions

Buffer Tube/Subunit Diameter	6.4 mm 0.252 in
Diameter Over Jacket	10.1 mm 0.398 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	200 mm 7.874 in
Minimum Bend Radius, unloaded	105 mm 4.134 in
Tensile Load, long term, maximum	800 N 179.847 lbf
Tensile Load, short term, maximum	2700 N 606.984 lbf
Compression	11 N/mm 62.812 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	2.94 N-m 26.021 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

Optical Specifications

Fiber Type	G.657.A2/B2
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Environmental Specifications

760259918 | R-288-CN-RR-F16YL/8G1/93K/200

Installation temperature	-10 °C to +70 °C (+14 °F to +158 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-104-696 ANSI/ICEA S-83-596 Telcordia GR-20 Telcordia GR-409
Environmental Space	Riser
Flame Test Listing	NEC OFNR (UL) and c(UL)
Flame Test Method	NEC OFNR-FT4 c(UL)us NFPA 130
Jacket UV Resistance	Non UV stabilized

Environmental Test Specifications

Low High Bend	-10 °C to +60 °C (+14 °F to +140 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1

Packaging and Weights

Cable weight	112 kg/km 75.261 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



Included Products

CS-8G1-RR-I/O-200	–	Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted 200um Singlemode Rollable Ribbon Fiber (ITU-T G.657.A2, B2)
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* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable
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