

Fiber indoor cable, All-Dielectric, Riser-Rated, Gel-Free, Central Tube with 12x200um Rollable Ribbons, 1728 fiber, G.652.D / G.657.A1 Singlemode , Feet jacket marking, Yellow jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand Latin America North America
Portfolio	CommScope®
Product Type	Fiber indoor cable

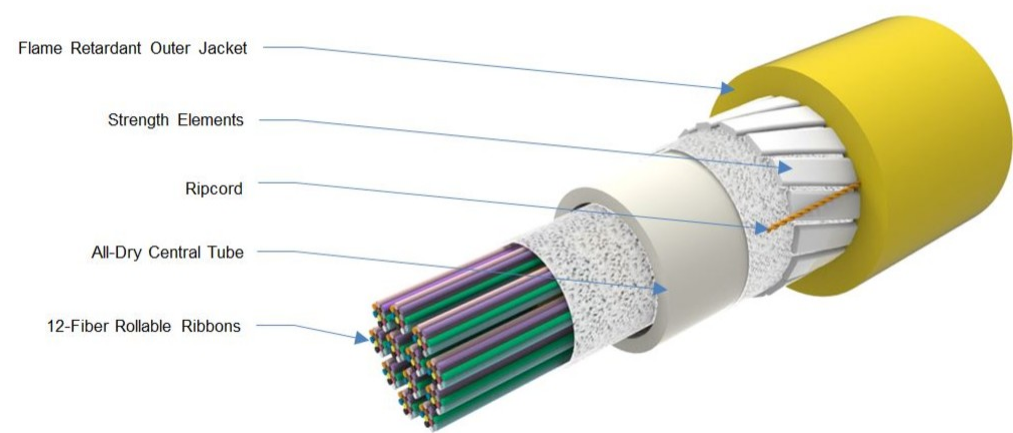
General Specifications

Cable Type	Ribbon central tube
Construction Type	Non-armored
Subunit Type	Gel-free
Fibers per Ribbon, quantity	12
Jacket Color	Yellow
Jacket Marking	Feet
Total Fiber Count	1728

Dimensions

Buffer Tube/Subunit Diameter	16.8 mm 0.661 in
Diameter Over Jacket	24.7 mm 0.972 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	494 mm 19.449 in
Minimum Bend Radius, storage coils	247 mm 9.724 in
Minimum Bend Radius, unloaded	247 mm 9.724 in
Tensile Load, long term, maximum	800 N 179.847 lbf
Tensile Load, short term, maximum	2700 N 606.984 lbf
Compression	10 N/mm 57.101 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.652.D and G.657.A1
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Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
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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-83-596 Telcordia GR-409
Environmental Space	Riser
Flame Test Listing	NEC OFNR (UL) and c(UL)
Flame Test Method	CSA FT4 UL 1666 UL 1685

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	389 kg/km 261.396 lb/kft
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Included Products

CS-8W-RR-200-0.40/0.30	–	200 Micron Low Macrobending, Zero Water Peak, G.652.D / G.657.A1 Dispersion-Unshifted Singlemode Fiber
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable