760252635 | C-006-DS-8M-MSUBL

Fiber indoor/outdoor cable, LSZH Riser Distribution, 6 fiber single-unit, Singlemode G.652.D, Meters jacket marking, Blue jacket color

Product Classification

Regional Availability	Asia	Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-DS

General Specifications

Cable Type	Tight buffer
Jacket Color	Blue
Jacket Marking	Meters
Strength Members	E-glass yarns
Total Fiber Count	6

Dimensions

Diameter Over Jacket	4.8 mm	0.189 in

Material Specifications

Jacket Material	Low Smoke Zero Halogen (LSZH)
Inner Jacket Material	Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded	96 mm	3.78 in
Minimum Bend Radius, unloaded	48 mm	1.89 in
Tensile Load, short term, maximum	600 N	134.885 lbf
Compression	5 N/mm	28.551 lb/in
Compression Test Method	IEC 60794-1-21 E3
Impact	1 N-m	8.851 in lb
Impact Test Method	IEC 60794-1-21 E4
Strain Test Method	IEC 60794-1-21 E1

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Twist	10 cycles
Twist Test Method	IEC 60794-1-21 E7

Optical Specifications

Fiber Type	G.652.D	OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.3 dB/km @ 1,550 nm	0.40 dB/km @ 1,310 nm

Environmental Specifications

Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
Operating Temperature	-10 °C to +70 °C (+14 °F to +158 °F)
Storage Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3-24
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5C

Environmental Test Specifications

Temperature Cycle Test Method	IEC 60794-1-22 F1

Packaging and Weights

Cable weight	22 kg/km	14.783 lb/kft

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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