



Fiber indoor/outdoor cable, LSZH Riser Distribution, 12 fiber single-unit, Multimode OM4 bend insensitive, Meters jacket marking, Violet 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	Violet
Jacket Marking	Meters Meters
Strength Members	E-glass yarns
Total Fiber Count	12

Dimensions

Diameter Over Jacket	6.2 mm 0.244 in
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Material Specifications

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

Mechanical Specifications

Minimum Bend Radius, loaded	124 mm 4.882 in
Minimum Bend Radius, unloaded	62 mm 2.441 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	OM4, bend insensitive
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Optical Specifications, Wavelength Specific

Attenuation, maximum	1.00 dB/km @ 1,300 nm 3.00 dB/km @ 850 nm
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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
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Packaging and Weights

Cable weight	33 kg/km 22.175 lb/kft
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable