6-1553346-3

Indoor/Outdoor Fiber Optic Cable, Dry, 12-fiber, singlemode, OS2, OFNR, loose tube, black

Product Classification

Regional Availability	Asia	Latin America
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-DS

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-free
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Diameter Over Jacket	7.3 mm	0.287 in

Mechanical Specifications

Minimum Bend Radius, loaded	152.4 mm	6 in
Minimum Bend Radius, unloaded	75 mm	2.953 in
Tensile Load, long term, maximum	400 N	89.924 lbf
Tensile Load, short term, maximum	1334 N	299.895 lbf

Optical Specifications

Fiber Type	OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.30 dB/km @ 1,550 nm	0.40 dB/km @ 1,310 nm
Standards Compliance	ANSI/TIA-568.B.1	ANSI/TIA-568.B.2	TIA-492CAAB (OS2)

Environmental Specifications

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Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Riser

Packaging and Weights

Cable weight	60 kg/km | 40.318 lb/kft

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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