

Indoor/Outdoor Fiber Optic Cable, Dry, 12-fiber, singlemode, OS2, OFNP, loose tube, dry, 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 mm 0.276 in
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Mechanical Specifications

Minimum Bend Radius, loaded	142.2 mm 5.598 in
Minimum Bend Radius, unloaded	71 mm 2.795 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
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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	0 °C to +60 °C (+32 °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	Plenum

Packaging and Weights

Cable weight	53 kg/km 35.614 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



* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable
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