

Indoor/Outdoor Fiber Optic Cable, 6-fiber, OFCP, ILJA, Singlemode

Product Classification

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

General Specifications

Armor Type	Interlocking aluminum
Cable Type	Loose tube
Subunit Type	Gel-free
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	6
Total Fiber Count	6

Dimensions

Diameter Over Jacket	14.2 mm 0.559 in
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Mechanical Specifications

Minimum Bend Radius, loaded	236.2 mm 9.299 in
Minimum Bend Radius, unloaded	157.5 mm 6.201 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)

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Environmental Specifications

Installation temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Storage Temperature	-60 °C to +85 °C (-76 °F to +185 °F)
Environmental Space	Plenum

Packaging and Weights

Cable weight	202 kg/km 135.738 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