



Outside Plant Fiber Optic Cable, 12-fiber, OS2, HDPE, loose tube, gel-filled, 1000 m, black

Product Classification

Portfolio	NETCONNECT®
Product Type	Fiber OSP cable
Regional Availability	Australia/New Zealand EMEA

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.35 dB/km @ 1300 nm 0.35 dB/km @ 1550 nm 0.45 dB/km @ 1310 nm
Standards Compliance	IEC 60794-1 TIA-492CAAB (OS2)

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-filled

Construction Materials

Jacket Material	High density polyethylene (HDPE)
Total Fiber Count	12
Armor Type	Corrugated steel
Fiber Type	OS2
Fibers per Subunit, quantity	12
Jacket Color	Black

Dimensions

Cable Length	1000 m 3281 ft
Cable Weight	104.0 kg/km
Diameter Over Jacket	10.00 mm 0.39 in
Filler, quantity	1

Physical Specifications

Minimum Bend Radius, loaded 199.9 mm | 7.9 in

Minimum Bend Radius, unloaded 160.0 mm | 6.3 in

Tensile Load, long term, maximum 1250 N | 281 lbf

Environmental Specifications

Installation Temperature -5 °C to +50 °C (+23 °F to +122 °F)

Operating Temperature -20 °C to +70 °C (-4 °F to +158 °F)

Storage Temperature -20 °C to +70 °C (-4 °F to +158 °F)

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

Classification

Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable