FO CABLE, OUTDOOR, FIGURE8, 24F, SM, 1KM (7x1.2mm)

Product Classification

Regional Availability
Asia | Australia/New Zealand

Portfolio
NETCONNECT®

Product Type
Fiber OSP cable

General Specifications

Cable Type
Stranded loose tube

Construction Type
Non-armored

Fiber Type, quantity
24

Fibers per Subunit, quantity
6

Filler, quantity
1

Jacket Color
Black

Subunit Type
Gel-filled

Subunit, quantity
4

Total Fiber Count
24

Dimensions

Height Over Jacket
16.4 mm | 0.646 in

Diameter Over Jacket
8.8 mm | 0.346 in

Material Specifications

Jacket Material
PE

Mechanical Specifications

Minimum Bend Radius, loaded
176 mm | 6.929 in

Minimum Bend Radius, unloaded
88 mm | 3.465 in
Tensile Load, long term, maximum: 11630 N | 2,614.529 lbf
Tensile Load, short term, maximum: 4410 N | 991.408 lbf
Compression: 20 N/mm | 114.203 lb/in
Compression Test Method: IEC 60794-1 E3
Flex Test Method: IEC 60794-1 E6
Impact: 2.94 N-m | 26.021 in lb
Impact Test Method: IEC 60794-1 E4
Strain: See long and short term tensile loads
Strain Test Method: IEC 60794-1 E1

Optical Specifications

Fiber Type: G.652.D | OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum: 0.23 dB/km @ 1,550 nm | 0.36 dB/km @ 1,310 nm

Environmental Specifications

Installation temperature: -20 °C to +70 °C (-4 °F to +158 °F)
Operating Temperature: -20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature: -40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards: IEC 60794-1-2
Environmental Space: Aerial, self-support
Jacket UV Resistance: UV stabilized
Water Penetration: 24 h
Water Penetration Test Method: IEC 60794-1 F5

Environmental Test Specifications

Low High Bend Test Method: IEC 60794-1 E11
Temperature Cycle Test Method: IEC 60794-1 F1

Packaging and Weights

Cable weight: 142 kg/km | 95.42 lb/kft

* Footnotes
Operating Temperature  Specification applicable to non-terminated bulk fiber cable