Fiber Optic Cable, 6-fiber, OS2, loose tube, dry, 2000 m, yellow

Product Classification

Regional Availability
Asia | Australia/New Zealand | EMEA

Portfolio
CommScope®

Product Type
Fiber indoor/outdoor cable

General Specifications

Cable Type
Loose tube

Fibers per Subunit, quantity
6

Jacket Color
Yellow

Subunit Type
Gel-free

Total Fiber Count
6

Dimensions

Cable Length
4000 m | 13,123.36 ft

Diameter Over Jacket
6.4 mm | 0.252 in

Mechanical Specifications

Minimum Bend Radius, loaded
139.7 mm | 5.5 in

Minimum Bend Radius, unloaded
129.5 mm | 5.098 in

Tensile Load, long term, maximum
650 N | 146.126 lbf

Tensile Load, short term, maximum
1250 N | 281.011 lbf

Optical Specifications

Fiber Type
OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum
0.35 dB/km @ 1,300 nm | 0.35 dB/km @ 1,550 nm | 0.45 dB/km @ 1,310 nm

Standards Compliance
IEC 60794-1 | TIA-492CAAB (OS2)

Environmental Specifications

Installation temperature
-5 °C to +50 °C (+23 °F to +122 °F)
Operating Temperature: -10 °C to +70 °C (14 °F to 158 °F)
Storage Temperature: -10 °C to +70 °C (14 °F to 158 °F)
EN50575 CPR Cable EuroClass Fire Performance: Dca
EN50575 CPR Cable EuroClass Smoke Rating: s2
EN50575 CPR Cable EuroClass Droplets Rating: d2
EN50575 CPR Cable EuroClass Acidity Rating: a1
Environmental Space: Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight: 47 kg/km | 31.583 lb/kft

* Footnotes

Operating Temperature: Specification applicable to non-terminated bulk fiber cable