Outside Plant Fiber Optic Cable, HDPE, 12-fiber, MM, OM3, loose tube, gel-filled, 2000 m

Product Classification

Regional Availability
Australia/New Zealand | EMEA

Portfolio
CommScope®

Product Type
Fiber OSP cable

General Specifications

Armor Type
Corrugated steel

Cable Type
Loose tube

Fibers per Subunit, quantity
12

Filler, quantity
1

Jacket Color
Black

Subunit Type
Gel-filled

Total Fiber Count
12

Dimensions

Cable Length
2000 m | 6,561.68 ft

Diameter Over Jacket
10 mm | 0.394 in

Material Specifications

Jacket Material
High density polyethylene (HDPE)

Mechanical Specifications

Minimum Bend Radius, loaded
200.7 mm | 7.902 in

Minimum Bend Radius, unloaded
160 mm | 6.299 in

Tensile Load, long term, maximum
625 N | 140.506 lbf

Tensile Load, short term, maximum
1200 N | 269.771 lbf
Optical Specifications

Fiber Type
OM3

Optical Specifications, Wavelength Specific

Attenuation, maximum
1.00 dB/km @ 1,300 nm | 3.50 dB/km @ 850 nm

Standards Compliance
IEC 60794-1 | TIA-492AAAC (OM3)

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)

Packaging and Weights

Cable weight
104 kg/km | 69.885 lb/kft

Regulatory Compliance/Certifications

Agency
CHINA-ROHS
REACH-SVHC
ROHS

Classification
Below maximum concentration value
Compliant as per SVHC revision on www.commscope.com/ProductCompliance
Compliant

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable