Outside Plant Fiber Optic Cable, HDPE, 24-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  |  24
Filler, quantity  |  1
Jacket Color  |  Black
Subunit Type  |  Gel-filled
Total Fiber Count  |  24

Dimensions

Cable Length  |  2000 m  |  6,561.68 ft
Diameter Over Jacket  |  10.5 mm  |  0.413 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

120 kg/km | 80.636 lb/kft

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

Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable