

2-599692-3 | O-008-CA-5L-M08BK/28G/HD/2K



Outside Plant Fiber Optic Cable, HDPE, 8-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	8
Jacket Color	Black
Subunit Type	Gel-filled
Total Fiber Count	8

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)
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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 0.70 dB/km @ 1,300 nm | 3.50 dB/km @ 850 nm

Standards Compliance 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	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