760137992 | P-008-OD-CM-FSUBK/8W002 /5L006

Fiber indoor/outdoor cable TeraSPEED® Indoor/Outdoor Plenum Distribution, 8 fiber single-unit, Composite OM3, Gel-free and G.652.D and G.657.A1, Feet jacket marking, Black jacket color
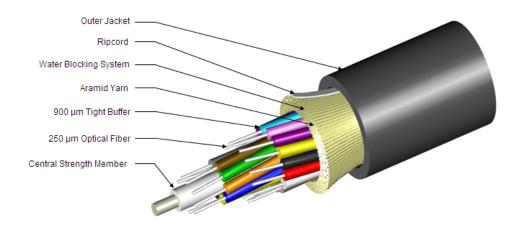
Product Classification

Regional Availability	Asia	Australia/New Zealand	Latin America	Middle East/Africa	North America
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	P-OD

General Specifications

Cable Type	Distribution
Construction Type	Non-armored
Jacket Color	Black
Jacket Marking	Feet
Composite Fiber Count	2 + 6
Total Fiber Count	8

Dimensions

Diameter Over Jacket	5.8 mm	0.228 in

Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	87 mm	3.425 in
Minimum Bend Radius, unloaded	58 mm	2.283 in
Tensile Load, long term, maximum	400 N	89.924 lbf
Tensile Load, short term, maximum	1335 N	300.12 lbf
Compression	22 N/mm	125.623 lb/in
Compression Test Method	FOTP-41	IEC 60794-1 E3
Flex	100 cycles
Flex Test Method	FOTP-104	IEC 60794-1 E6
Impact	5.88 N-m	52.042 in lb
Impact Test Method	FOTP-25	IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33	IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85	IEC 60794-1 E7
Vertical Rise, maximum	500 m	1,640.42 ft

Optical Specifications

Fiber Type	Composite MM/SM	G.652.D and G.657.A1, TeraSPEED®	OM3, LazrSPEED® 300

Environmental Specifications

Installation temperature	-30 °C to +70 °C (-22 °F to +158 °F)

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Operating Temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Cable Qualification Standards	ANSI/ICEA S-104-696 | Telcordia GR-20 (water penetration) | Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (ETL) and c(ETL)
Flame Test Method	NFPA 130 | NFPA 262
Jacket UV Resistance	UV stabilized
Water Penentration	24 h
Water Penentration Test Method	FOTP-82 | IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze Test Method	IEC 60794-1 F15
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-40 °C to +70 °C (-40 °F to +158 °F)
Low High Bend Test Method	FOTP-37 | IEC 60794-1 E11
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight	37 kg/km | 24.863 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

Included Products

CS-5L-TB	–	LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber
CS-8W-TB	–	TeraSPEED® Singlemode Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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