760245266 | P-288-MZ-8W-F12YL/20T

Fiber indoor cable, TeraSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 288 fiber multi-unit with 12 fiber subunits, Singlemode G.652.D and G.657.A1, Feet jacket marking, Yellow jacket color

Product Classification

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

General Specifications

Armor Type	Interlocking aluminum
Cable Type	MPO trunk cable
Construction Type	Armored
Fiber Type, quantity	288
Fibers per Subunit, quantity	12
Jacket Color	Yellow
Jacket Marking	Feet
Subunit Type	Gel-free
Subunit, quantity	24
Total Fiber Count	288

Dimensions

Buffer Tube/Subunit Diameter	2 mm	0.079 in
Diameter Over Armor	21 mm	0.827 in
Diameter Over Jacket	23 mm	0.906 in

Representative Image

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Outer Jacket

Interlocking Aluminum Armor

Internal Plenum Loose Tube
Cordage Cable
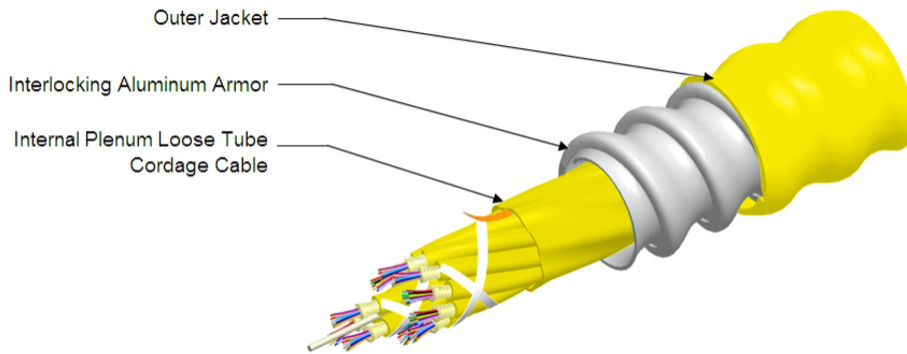
Mechanical Specifications

Minimum Bend Radius, loaded	345 mm	13.583 in
Minimum Bend Radius, unloaded	230 mm	9.055 in
Tensile Load, long term, maximum	200 N	44.962 lbf
Tensile Load, short term, maximum	667 N	149.948 lbf
Compression	85 N/mm	485.363 lb/in
Compression Test Method	FOTP-41	IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	FOTP-104	IEC 60794-1 E6
Impact	35 N-m	309.776 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	45 m	147.638 ft

Optical Specifications

Fiber Type	G.652.D and G.657.A1, TeraSPEED®	OS2	OS2

Environmental Specifications

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)

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Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596	Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFCP (ETL) and c(ETL)
Flame Test Method	NFPA 130	NFPA 262

Environmental Test Specifications

Heat Age	0 °C to +85 °C (+32 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	0 °C to +70 °C (+32 °F to +158 °F)
Low High Bend Test Method	FOTP-37	IEC 60794-1 E11
Temperature Cycle	0 °C to +70 °C (+32 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3	IEC 60794-1 F1

Packaging and Weights

Cable weight	456 kg/km	306.418 lb/kft

Regulatory Compliance/Certifications

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

ISO 9001:2015

Included Products

CS-8W-MP – TeraSPEED® OS2 Singlemode Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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