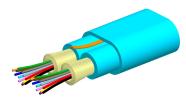# 760218008 | P-024-MP-CM-F12GR/8W012/5K012

Fiber indoor cable, TeraSPEED® Plenum for MPO Trunks, 24 fiber with 12 fiber subunits, Multimode composite, Feet jacket marking, Green 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-MP

General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Green
Jacket Marking	Feet
Subunit, quantity	2
Fibers per Subunit, quantity	12
Composite Fiber Count	12 + 12
Total Fiber Count	24

Dimensions

Height Over Jacket	3.9 mm	0.154 in
Width Over Jacket	6.9 mm	0.272 in
Buffer Tube/Subunit Diameter	3 mm	0.118 in

Representative Image

COMMSCOPE®

LSZH Outer Jacket

Ripcord

12-Fiber Subunit

Mechanical Specifications

Minimum Bend Radius, loaded	58 mm | 2.283 in
Minimum Bend Radius, unloaded	39 mm | 1.535 in
Tensile Load, long term, maximum	200 N | 44.962 lbf
Tensile Load, short term, maximum	667 N | 149.948 lbf
Compression	10 N/mm | 57.101 lb/in
Compression Test Method	FOTP-41 | IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104 | IEC 60794-1 E6
Impact	0.74 N-m | 6.55 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® | OM4, LazrSPEED® 550 | OS2 | OS2

Environmental Specifications

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Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)
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 OFNP (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	29 kg/km	19.487 lb/kft

Regulatory Compliance/Certifications

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

Included Products

CS-5K-MP	–	LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber
CS-8W-MP	–	TeraSPEED® OS2 Singlemode Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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