

# P-024-MP-8W-F24

---

Fiber indoor cable, TeraSPEED® Plenum for MPO Trunks, 24 fiber, Singlemode G.652.D and G.657.A1, Feet jacket marking

## 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

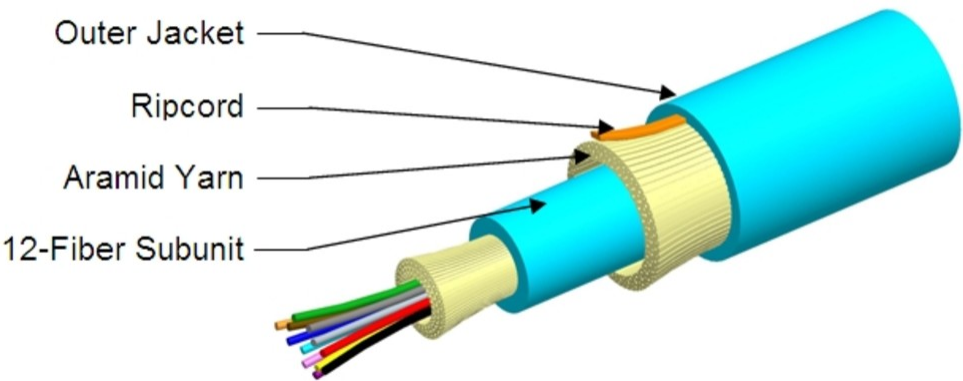
Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Marking	Feet
Subunit, quantity	1
Fibers per Subunit, quantity	24
Total Fiber Count	24

## Dimensions

Buffer Tube/Subunit Diameter	3.6 mm   0.142 in
Diameter Over Jacket	5.46 mm   0.215 in

## Representative Image

# P-024-MP-8W-F24



## Mechanical Specifications

Minimum Bend Radius, loaded	82 mm   3.228 in
Minimum Bend Radius, unloaded	55 mm   2.165 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	G.652.D and G.657.A1, TeraSPEED®   OS2   OS2
------------	--

## Environmental Specifications

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

# P-024-MP-8W-F24

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

## \* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable
-----------------------	---