

Fiber indoor cable, TeraSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 36 fiber multi-unit with 12 fiber 2.0 mm subunits, Singlemode G. 652.D and G.657.A1, Feet jacket marking, Yellow jacket color, Dca flame rating

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North

America

Portfolio CommScope®

Product Type Fiber indoor cable

Product Series N-MP

General Specifications

Cable Type MPO trunk cable

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Yellow

Jacket Marking Feet

Subunit, quantity 3

Fibers per Subunit, quantity 12

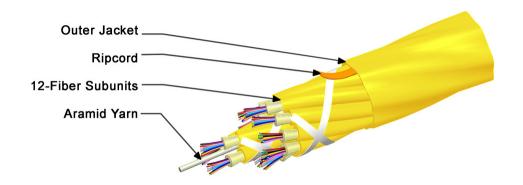
Total Fiber Count 36

Dimensions

Buffer Tube/Subunit Diameter2 mm0.079 inDiameter Over Jacket7 mm0.276 in

Representative Image





Mechanical Specifications

Minimum Bend Radius, loaded105 mm4.134 inMinimum Bend Radius, unloaded70 mm2.756 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 2.94 N-m | 26.021 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 387 m | 1,269.685 ft

Optical Specifications

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

Environmental Specifications

Installation temperature 0 °C to +60 °C (+32 °F to +140 °F)

COMMSC PE°

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Operating Temperature 0 °C to +70 °C (+32 °F to +158 °F)

Storage Temperature $-40 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-40 $^{\circ}\text{F}$ to $+158 \,^{\circ}\text{F}$)

Cable Qualification Standards ANSI/ICEA S-83-596 | Telcordia GR-409

EN50575 CPR Cable EuroClass Fire PerformanceDcaEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd1EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Low Smoke Zero Halogen (LSZH) | Riser

Flame Test Listing NEC OFNR-ST1 (ETL) and c(ETL)

Flame Test Method | IEC 60332-3 | IEC 60754-2 | IEC 61034-2 | UL 1666 | UL 1685

Environmental Test Specifications

Heat Age $0 \, ^{\circ}\text{C to} + 85 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F to} + 185 \, ^{\circ}\text{F})$

Heat Age Test Method IEC 60794-1 F9

 Low High Bend
 -20 °C to +70 °C (-4 °F to +158 °F)

 Low High Bend Test Method
 FOTP-37 | IEC 60794-1 E11

Temperature Cycle $0 \,^{\circ}\text{C to } +70 \,^{\circ}\text{C (+32 °F to } +158 \,^{\circ}\text{F)}$

Temperature Cycle Test Method FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight 47.4 kg/km | 31.851 lb/kft

Regulatory Compliance/Certifications

Agency Classification

CENELEC EN 50575 compliant, Declaration of Performance (DoP) available

CHINA-ROHS Below maximum concentration value

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

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



Included Products

CS-8W-MP - TeraSPEED® OS2 Singlemode

COMMSCOPE®

Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable