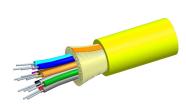
760004358 | P-012-DS-8W-FSUYL



Fiber indoor cable, TeraSPEED® Plenum Distribution, 12-Fiber Single-Unit, 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-DS

General Specifications

 Cable Type
 Distribution

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Yellow

Jacket Marking Feet

Total Fiber Count 12

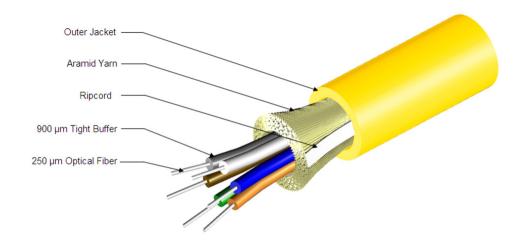
Dimensions

Diameter Over Jacket 5.77 mm | 0.227 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded86 mm3.386 inMinimum Bend Radius, unloaded58 mm2.283 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 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 G.652.D and G.657.A1, TeraSPEED®

Environmental Specifications



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

Operating Temperature $-20 \,^{\circ}\text{C to} + 70 \,^{\circ}\text{C} \, (-4 \,^{\circ}\text{F to} + 158 \,^{\circ}\text{F})$

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

Environmental Space Plenum

Flame Test Listing NEC OFNP (ETL) and c(ETL)

Flame Test Method NFPA 130 | NFPA 262

Environmental Test Specifications

Heat Age $-20 \, ^{\circ}\text{C} \text{ to } +85 \, ^{\circ}\text{C} \, (-4 \, ^{\circ}\text{F to } +185 \, ^{\circ}\text{F})$

Heat Age Test Method IEC 60794-1 F9

Low High Bend $-20 \, ^{\circ}\text{C} \text{ to } +70 \, ^{\circ}\text{C} \, (-4 \, ^{\circ}\text{F to } +158 \, ^{\circ}\text{F})$

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

Temperature Cycle -20 °C to +70 °C (-4 °F to +158 °F)

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

Packaging and Weights

Cable weight 31 kg/km | 20.831 lb/kft

Classification

Regulatory Compliance/Certifications

- ,	
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
DOLLO	

ROHS Compliant UK-ROHS Compliant



Agency

Included Products

CS-8W-TB - TeraSPEED® Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

