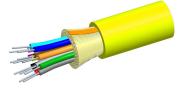
760018630 | P-024-DS-8W-FSUYL



Fiber indoor cable, TeraSPEED® Plenum Distribution, 24 fiber singleunit, 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	24
Dimensions	
Diameter Over Jacket	8.5 mm 0.335 in

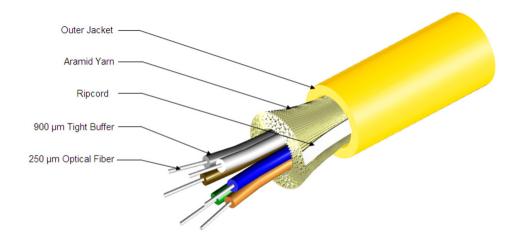
Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	127 mm 5 in
Minimum Bend Radius, unloaded	85 mm 3.346 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	1335 N 300.12 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	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	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 °C to +70 °C (-4 °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) UL 1651
Flame Test Method	NFPA 130 NFPA 262

Environmental Test Specifications

Heat Age	-20 °C to +85 °C (-4 °F to +185 °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	-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

70 kg/km | 47.038 lb/kft

Regulatory Compliance/Certifications

	ency
CHINA-ROHS Below maximum concentration value	INA-ROHS
ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system	9001:2015
REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance	ACH-SVHC
ROHS Compliant	HS
UK-ROHS Compliant	ROHS

Included Products

CS-8W-TB - TeraSPEED® Singlemode Fiber

* Footnotes

E

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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