

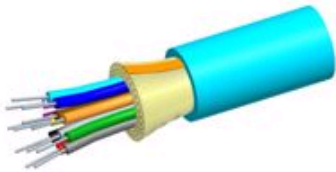
Product Specifications



5201 012A WPYL

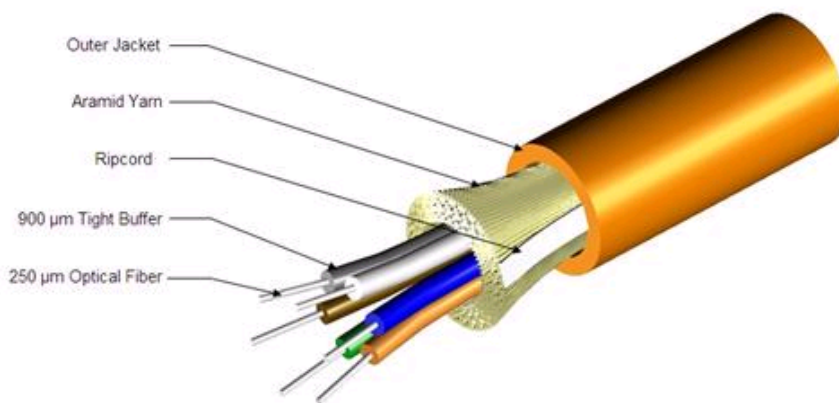
Material ID: 760004358

Plenum Distribution Cable, 12 fiber single-unit



CHARACTERISTICS

Representative Image



General Specifications

Cable Type	Distribution
Construction Type	Non-armored
Fiber Series	5201

Construction Materials

Fiber Type Solution	TeraSPEED®, zero water peak single-mode fiber
Total Fiber Quantity	12
Fiber Type	TeraSPEED®, zero water peak single-mode fiber
Fiber Type, quantity	12
Jacket Color	Yellow



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Product Specifications

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Dimensions

Cable Weight	21.0 lbs/kft 31.0 kg/km
Diameter Over Jacket	5.90 mm 0.23 in

Physical Specifications

Maximum Tensile Load, Long Term	400 N 90 lbf
Maximum Tensile Load, Short Term	1335 N 300 lbf
Maximum Vertical Rise	500.0 m 1640.4 ft
Minimum Bend Radius, Loaded	11.7 cm 4.6 in
Minimum Bend Radius, Unloaded	5.9 cm 2.3 in

Flame Test Specifications

Flame Test Listing	NEC OFNP (ETL) and c(ETL)
Flame Test Method	NFPA-262

Environmental Specifications

Environmental Space	Plenum
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)

Mechanical Test Specifications

Compression	10 N/mm ² 57 psi
Compression Test Method	FOTP-41 IEC 60794 -1-2, Section 7
Flex	100 cycles
Flex Test Method	FOTP-24 IEC 60794 -1-2, Section 10
Impact	4.34 ft lb 5.88 N-m
Impact Test Method	FOTP-25 IEC 60794 -1-2, Section 8
Strain	See long term and short term tensile loads
Strain Test Method	FOTP-33 IEC 60794 -1-2, Section 5
Twist	10 cycles
Twist Test Method	FOTP-85 IEC 60794 -1-2, Section 11

Environmental Test Specifications

Heat Age	-20 °C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method	Not applicable
Low High Bend	-20 °C to +70 °C (-4 °F to +158 °F)
Low High Bend Test Method	FOTP-28 IEC 60794 -1-2, Section 28
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794 -1-2, Section 22

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Qualification Specifications

Cable Qualification Standards ANSI/ICEA S-83-596-2001 | Telcordia GR-409-CORE Issue 2

Regulatory Compliance/Certifications

Agency

RoHS 2002/95/EC
ISO 9001:2008

Classification

Compliant
Compliant



Included Products

TeraSPEE SY-8W-TB (Product Component—not orderable)

TeraSPEED® Single-mode Fiber

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