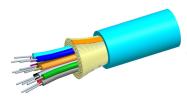# 760251668 | P-024-DS-5Y-MSUAQ/093

Fiber indoor cable, Plenum Distribution, 24 fiber single-unit, Multimode OM3, Meters jacket marking, Aqua jacket color

Product Classification

Regional Availability	Asia	Australia/New Zealand
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	Aqua
Jacket Marking	Meters
Total Fiber Count	24

Dimensions

Diameter Over Jacket	8.5 mm	0.335 in

Representative Image

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Labels: Outer Jacket, Aramid Yarn, Ripcord, 900 µm Tight Buffer, 250 µm Optical Fiber

Mechanical Specifications

Minimum Bend Radius, loaded	170 mm	6.693 in
Minimum Bend Radius, unloaded	85 mm	3.346 in
Tensile Load, long term, maximum	340 N	76.435 lbf
Tensile Load, short term, maximum	1320 N	296.748 lbf
Compression	10 N/mm	57.101 lb/in
Compression Test Method	IEC 60794-1-21 E3
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1-21 E1

Optical Specifications

Fiber Type	OM3

Optical Specifications, Wavelength Specific

Attenuation, maximum	1.00 dB/km @ 1,300 nm	3.00 dB/km @ 850 nm

Environmental Specifications

Installation temperature	0 °C to +60 °C (-32 °F to +140 °F)
Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (UL) and c(UL)

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Flame Test Method   NFPA 262

Environmental Test Specifications

Temperature Cycle Test Method   IEC 60794-1-22 F1

Included Products

CS-5Y-TB-3.0/1.0/093 −   OM3 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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