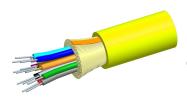# 760249760 | P-012-DS-8Z-MSUYL/093

Fiber indoor cable, Plenum Distribution, 12 fiber single-unit, Singlemode G. 657.A1, Meters jacket marking, Yellow 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	Yellow
Jacket Marking	Meters
Total Fiber Count	12

Dimensions

Diameter Over Jacket	6.2 mm	0.244 in

Representative Image

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

Mechanical Specifications

Minimum Bend Radius, loaded	124 mm	4.882 in
Minimum Bend Radius, unloaded	62 mm	2.441 in
Tensile Load, long term, maximum	198 N	44.512 lbf
Tensile Load, short term, maximum	660 N	148.374 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	G.657.A1

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.30 dB/km @ 1,550 nm	0.4 dB/km @ 1,310 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

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

Environmental Test Specifications

Temperature Cycle Test Method	IEC 60794-1-22 F1

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

Included Products

CS-8Z-TB-0.40/0.30/093 – Low Water Peak, Dispersion-Unshifted Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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