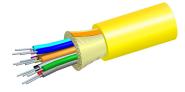
760255306 | L-002-DS-8Z-MSUYL/09X/B2



Fiber indoor cable, Low Smoke Zero Halogen Indoor Distribution, 2 fiber single-unit, singlemode, G.657.A1, Meters jacket marking, Yellow jacket color

Product Classification

Regional Availability	China
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	L-DS
Country Specific for	China
General Specifications	
Cable Type	Tight buffer
Jacket Color	Yellow
Jacket Marking	Meters
Strength Members	E-glass yarns
Total Fiber Count	2
Dimensions	
Buffer Tube/Subunit Diameter	0.9 mm 0.035 in
Diameter Over Jacket	4.4 mm 0.173 in
Mechanical Specifications	
Minimum Bend Radius, loaded	88 mm 3.465 in
Minimum Bend Radius, unloaded	44 mm 1.732 in
Tensile Load, long and short term	See Sag and Tension tables in Product Documentation section
Tensile Load, long term, maximum	198 N 44.512 lbf
Tensile Load, short term, maximum	660 N 148.374 lbf
Cable Crush Resistance, maximum	10 N/mm 57.101 lb/in
Compression	10 N/mm 57.101 lb/in
Compression Test Method	IEC 60794-1 E3 IEC 60794-1-2 E3
Strain	See long and short term tensile loads

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: December 22, 2023



COMMSCOPE°

760255306 | L-002-DS-8Z-MSUYL/09X/B2

Strain Test Method	IEC 60794-1-2-E1	
Optical Specifications		
Fiber Type	G.652.D and G.657.A1	
Optical Specifications, Wavelength Specific		
Attenuation, maximum	0.3 dB/km @ 1,550 nm 0.3 dB/km @ 1,625 nm 0.40 dB/km @ 1,310 nm	
Environmental Specifications		
Installation temperature	-20 °C to +60 °C (-4 °F to +140 °F)	
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)	
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)	
Cable Qualification Standards	Telcordia GR-409	
Environmental Space	Low Smoke Zero Halogen (LSZH) Low Smoke Zero Halogen (LSZH)	
Flame Test Listing	B2	
Flame Test Method	GB/T 31247	
Environmental Test Specifications		

Temperature Cycle	-20 °C to +60 °C (-4 °F to +140 °F)
Temperature Cycle Test Method	IEC 60794-1 F1 IEC 60794-1-2 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

(e)

Included Products

CS-8Z-TB-0.40/0.30/093 -

Low Water Peak, Dispersion-Unshifted Singlemode Fiber

* Footnotes

Page 2 of 3

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: December 22, 2023

COMMSCOPE°

760255306 | L-002-DS-8Z-MSUYL/09X/B2

Operating Temperature Specification applicable to non-terminated bulk fiber cable

Page 3 of 3

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: December 22, 2023

COMMSCOPE°