# 760252636 | C-012-DS-8M-MSUBL



Fiber indoor/outdoor cable, LSZH Riser Distribution, 12 fiber single-unit, Singlemode G.652.D, Meters jacket marking, Blue jacket color

## Product Classification

Regional Availability	Asia   Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-DS
General Specifications	
Cable Type	Tight buffer
Jacket Color	Blue
Jacket Marking	Meters
Strength Members	E-glass yarns
Total Fiber Count	12
Dimensions	
Diameter Over Jacket	6.2 mm   0.244 in
Material Specifications	
Jacket Material	Low Smoke Zero Halogen (LSZH)
Inner Jacket Material	Low Smoke Zero Halogen (LSZH)
Mechanical Specifications	
Minimum Bend Radius, loaded	124 mm   4.882 in
Minimum Bend Radius, unloaded	62 mm   2.441 in
Tensile Load, short term, maximum	600 N   134.885 lbf
Compression	5 N/mm   28.551 lb/in
Compression Test Method	IEC 60794-1-21 E3
Impact	1 N-m   8.851 in lb
Impact Test Method	IEC 60794-1-21 E4
Strain Test Method	IEC 60794-1-21 E1

Page 1 of 2

©2024 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: June 6, 2024



# 760252636 | C-012-DS-8M-MSUBL

Twist	10 cycles	
Twist Test Method	IEC 60794-1-21 E7	
Optical Specifications		
Fiber Type	G.652.D   OS2	
Optical Specifications, Wavelength Specific		
Attenuation, maximum	0.3 dB/km @ 1,550 nm   0.40 dB/km @ 1,310 nm	

#### **Environmental Specifications**

Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
Operating Temperature	-10 °C to +70 °C (+14 °F to +158 °F)
Storage Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3-24
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5C

### Environmental Test Specifications

Temperature Cycle Test Method IEC 60794-1-22 F1

#### Packaging and Weights

Cable weight

33 kg/km | 22.175 lb/kft

### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

Page 2 of 2

©2024 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: June 6, 2024

