



Fiber indoor/outdoor cable, LSZH Riser Distribution, 24 fiber single-unit, Singlemode G.652.D, Meters jacket marking, Yellow 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	Yellow
Jacket Marking	Meters
Strength Members	E-glass yarns
Total Fiber Count	24

## Dimensions

Diameter Over Jacket	8.8 mm   0.346 in
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## Material Specifications

Jacket Material	Low Smoke Zero Halogen (LSZH)
Inner Jacket Material	Low Smoke Zero Halogen (LSZH)

## Mechanical Specifications

Minimum Bend Radius, loaded	176 mm   6.929 in
Minimum Bend Radius, unloaded	88 mm   3.465 in
Tensile Load, short term, maximum	1100 N   247.29 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

Twist	10 cycles
Twist Test Method	IEC 60794-1-21 E7

Optical Specifications

Fiber Type	G.652.D   OS2
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Optical Specifications, Wavelength Specific

Attenuation, maximum	0.3 dB/km @ 1,550 nm   0.40 dB/km @ 1,310 nm
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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 Listing	NEC OFC-LS (ETL) and c(ETL)
Flame Test Method	IEC 60332-1   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
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Packaging and Weights

Cable weight	61 kg/km   40.99 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



\* Footnotes

# 760256081 | C-024-DS-8M-MSUYL

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