



Fiber indoor/outdoor cable, LSZH Riser Distribution, 12 fiber single-unit, Multimode OM4 bend insensitive, Meters jacket marking, Violet jacket color

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber indoor/outdoor cable
<b>Product Series</b>	C-DS

## General Specifications

<b>Cable Type</b>	Tight buffer
<b>Jacket Color</b>	Violet
<b>Jacket Marking</b>	Meters
<b>Strength Members</b>	E-glass yarns
<b>Total Fiber Count</b>	12

## Dimensions

<b>Diameter Over Jacket</b>	6.2 mm   0.244 in
-----------------------------	-------------------

## Material Specifications

<b>Jacket Material</b>	Low Smoke Zero Halogen (LSZH)
<b>Inner Jacket Material</b>	Low Smoke Zero Halogen (LSZH)

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	124 mm   4.882 in
<b>Minimum Bend Radius, unloaded</b>	62 mm   2.441 in
<b>Tensile Load, short term, maximum</b>	600 N   134.885 lbf
<b>Compression</b>	5 N/mm   28.551 lb/in
<b>Compression Test Method</b>	IEC 60794-1-21 E3
<b>Impact</b>	1 N-m   8.851 in lb
<b>Impact Test Method</b>	IEC 60794-1-21 E4
<b>Strain Test Method</b>	IEC 60794-1-21 E1

# 760252644 | C-012-DS-5X-MSUVI

---

<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	IEC 60794-1-21 E7

## Optical Specifications

<b>Fiber Type</b>	OM4, bend insensitive
-------------------	-----------------------

## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	1.00 dB/km @ 1,300 nm   3.00 dB/km @ 850 nm
-----------------------------	---

## Environmental Specifications

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

## Environmental Test Specifications

<b>Temperature Cycle Test Method</b>	IEC 60794-1-22 F1
--------------------------------------	-------------------

## Packaging and Weights

<b>Cable weight</b>	33 kg/km   22.175 lb/kft
---------------------	--------------------------

## \* Footnotes

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