



G652.D compliant fiber drop cable for Indoor/Outdoor use , Gel-filled loose tube, 12 fiber, Meter jacket marking, Black

## Product Classification

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

## General Specifications

<b>Cable Type</b>	Central loose tube
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-filled
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Subunit, quantity</b>	1
<b>Fibers per Subunit, quantity</b>	12
<b>Total Fiber Count</b>	12

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	2 mm   0.079 in
<b>Diameter Over Jacket</b>	5.05 mm   0.199 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	50 mm   1.969 in
<b>Minimum Bend Radius, storage coils</b>	50 mm   1.969 in
<b>Minimum Bend Radius, unloaded</b>	50 mm   1.969 in
<b>Tensile Load, long term, maximum</b>	400 N   89.924 lbf
<b>Tensile Load, short term, maximum</b>	1500 N   337.214 lbf
<b>Cable Crush Resistance, maximum</b>	15 N/mm   85.652 lb/in
<b>Compression</b>	15 N/mm   85.652 lb/in

# 760255702 | C-012-DN-8X-M12BK/20G/09G-IN00

<b>Compression Test Method</b>	IEC 60794-1-2 E3
<b>Impact</b>	3 N-m   26.552 in lb
<b>Impact Test Method</b>	IEC 60794-1 E4
<b>Twist</b>	5 cycles
<b>Twist Test Method</b>	IEC 60794-1 E7

## Optical Specifications

<b>Fiber Type</b>	G.657.A1
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	0.30 dB/km @ 1,550 nm   0.40 dB/km @ 1,310 nm
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## Environmental Specifications

<b>Installation temperature</b>	-15 °C to +40 °C (+5 °F to +104 °F)
<b>Operating Temperature</b>	-25 °C to +70 °C (-13 °F to +158 °F)
<b>Storage Temperature</b>	-25 °C to +70 °C (-13 °F to +158 °F)
<b>Cable Qualification Standards</b>	IEC 60794-1-2
<b>Environmental Space</b>	Drop   Universal Low Smoke Zero Halogen (ULSZH)
<b>Flame Test Listing</b>	IEC 60332-1-2
<b>Flame Test Method</b>	EN 50399   IEC 60754-2   IEC 61034-2
<b>Water Penetration</b>	24 h

## Environmental Test Specifications

<b>Temperature Cycle</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	IEC 60794-1-2 F1

## Packaging and Weights

<b>Cable weight</b>	30 kg/km   20.159 lb/kft
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## Regulatory Compliance/Certifications

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



## Included Products

- CS-8F-LT - Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber

## \* Footnotes

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