



FTTH, Facade, Duct and Aerial

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | North America

Portfolio

CommScope®

Product Type

Fiber drop cable

General Specifications

Cable Type

Central loose tube | Drop | Tight buffer

Construction Type

Breakout | Non-armored

Fibers per Subunit, quantity

1

Inner Jacket Color

White

Jacket Color

Black

Subunit Type

Gel-filled

Subunit, quantity

1

Total Fiber Count

1

Dimensions

Cable Length

1,999.793 m | 6561 ft

Buffer Tube/Subunit Diameter

1.5 mm | 0.059 in

Diameter Over Jacket

4.5 mm | 0.177 in

Material Specifications

Jacket Material

Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded

7.5 cm | 2.953 in

Tensile Load, long term, maximum

300 N | 67.443 lbf

Tensile Load, short term, maximum

1000 N | 224.809 lbf

760243202 | C-001-DN-8G-M01BK/15G/V6/D

Compression	10 N/mm 57.101 lb/in
Compression Test Method	IEC 60794-1 E3
Impact	2 N-m 17.701 in lb
Impact Test Method	IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1 E1
Twist	5 cycles
Twist Test Method	IEC 60794-1 E7

Optical Specifications

Fiber Type	G.657.A2
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Environmental Specifications

Installation temperature	-0 °C to +60 °C (-32 °F to +140 °F)
Operating Temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	IEC 60794-1-2
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s1
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Outdoor
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5

Environmental Test Specifications

Temperature Cycle	-25 °C to +70 °C (-13 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-22 F1

Packaging and Weights

Cable weight	26 kg/km 17.471 lb/kft
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Included Products

760243202 | C-001-DN-8G-M01BK/15G/V6/D

CS-8G-TB

– Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable