

### Pushable Outdoor MDPE single fiber tight buffer low friction drop cable



- Offers maximum efficiency when used in duct sizes ranging from 1/8" (6mm) to 3/8" (10mm) inner diameter
- Pushable up to 500ft (150m) by hand without the assistance of air, and up to nearly 1970ft (600m) with air
- Flexible, yet stiff construction of the fluted outer jacket allows speedy installation with and without the use of air

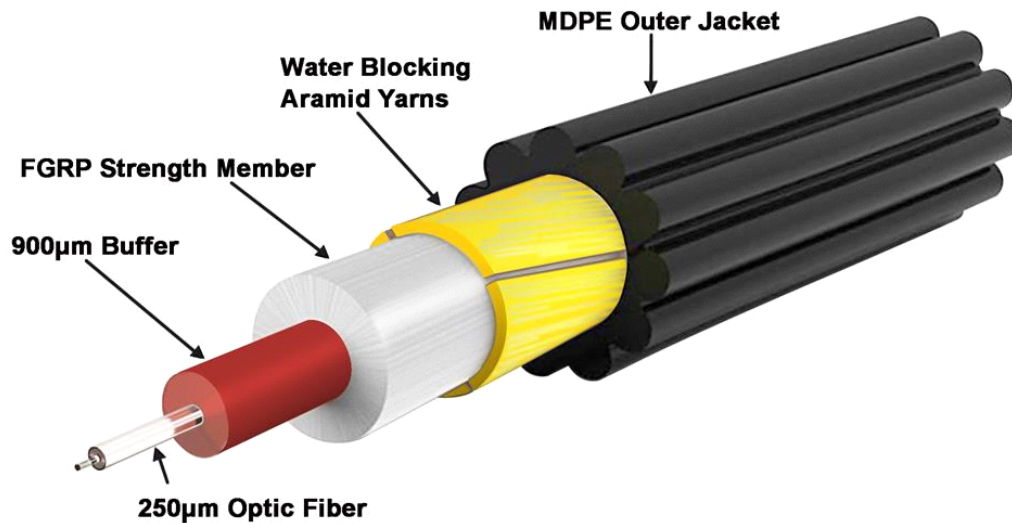
### Product Classification

<b>Portfolio</b>	NETCONNECT®
<b>Product Type</b>	Fiber drop cable
<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   North America

### Standards And Qualifications

<b>Cable Qualification Standards</b>	ANSI/ICEA S-104-696   IEC 60794-1-2   Telcordia GR-20
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### Representative Image



### General Specifications

<b>Cable Type</b>	Tight buffer
<b>Construction Type</b>	Non-armored

### Construction Materials

<b>Total Fiber Count</b>	1
<b>Fiber Type</b>	G.657.A2
<b>Fibers per Subunit, quantity</b>	1
<b>Inner Jacket Color</b>	Red
<b>Jacket Color</b>	Black
<b>Jacket UV Resistance</b>	UV stabilized

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	0.90 mm   0.04 in
<b>Cable Length</b>	1524 m   5000 ft
<b>Cable Weight</b>	14.0 kg/km
<b>Diameter Over Jacket</b>	3.50 mm   0.14 in

## Physical Specifications

<b>Minimum Bend Radius, loaded</b>	75.0 mm   3.0 in
<b>Tensile Load, long term, maximum</b>	295 N   66 lbf
<b>Tensile Load, short term, maximum</b>	850 N   191 lbf

## Environmental Specifications

<b>Environmental Space</b>	Air-blown, microduct
<b>Installation Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)

## Mechanical Test Specifications

<b>Compression</b>	220 N•m
<b>Compression Test Method</b>	FOTP-41
<b>Flex</b>	25 cycles
<b>Flex Test Method</b>	FOTP-104
<b>Impact</b>	2.90 N-m   2.14 ft lb
<b>Impact Test Method</b>	FOTP-25
<b>Strain</b>	See long and short term tensile loads
<b>Strain Test Method</b>	FOTP-33
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	FOTP-85

## Regulatory Compliance/Certifications

**Agency**  
RoHS 2011/65/EU

**Classification**  
Compliant



## Included Products

CS-8G-TB (Product Component—not orderable) — 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