

Pushable Indoor/Outdoor Universal Low Smoke Zero Halogen 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

Portfolio

NETCONNECT®

Product Type

Fiber drop cable

Regional Availability

Asia | Australia/New Zealand | EMEA | North America

Standards And Qualifications

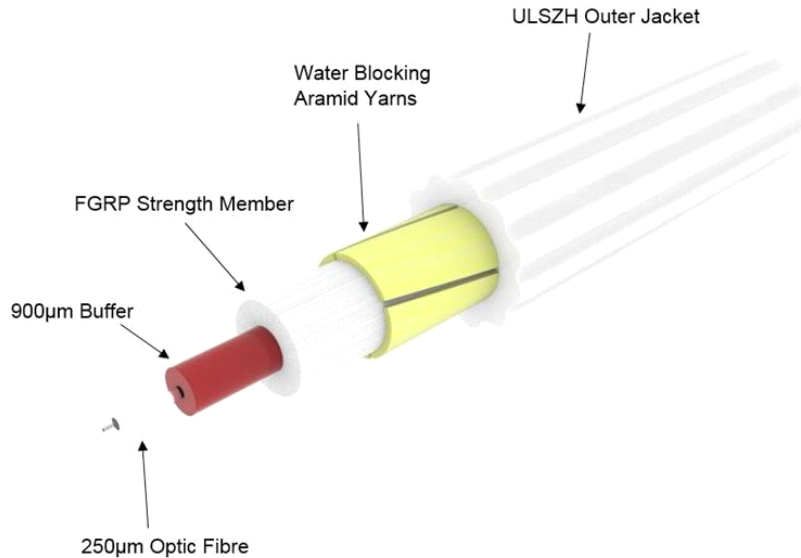
EN50575 CPR Cable EuroClass

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Cable Qualification Standards

ANSI/ICEA S-104-696 | IEC 60794-1-2 | Telcordia GR-20

Representative Image



General Specifications

Cable Type	Tight buffer
Construction Type	Non-armored

Construction Materials

Jacket Material	Low Smoke Zero Halogen (LSZH)
Total Fiber Count	1
Fiber Type	G.657.A2
Fibers per Subunit, quantity	1
Inner Jacket Color	Red
Jacket Color	Black
Jacket UV Resistance	UV stabilized

Dimensions

Buffer Tube/Subunit Diameter	0.90 mm 0.04 in
Cable Length	1524 m 5000 ft

Cable Weight 14.0 kg/km
Diameter Over Jacket 3.50 mm | 0.14 in

Physical Specifications

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

Environmental Specifications

Environmental Space Air-blown, microduct | Universal Low Smoke Zero Halogen (ULSZH)
Installation Temperature -10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature -40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature -40 °C to +70 °C (-40 °F to +158 °F)

Mechanical Test Specifications

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

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available



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