Base Product

Fiber Optic Cable, Indoor/Outdoor Plenum, Stranded Loose Tube, Aluminum Interlocking Armor

- Indoor/outdoor cables are tough enough for outdoor use while also being listed for indoor use
- Superior mechanical and optical performance with unmatched stability and quality

Product Classification

Regional Availability
- Asia
- Australia/New Zealand
- Latin America
- Middle East/Africa
- North America

Portfolio
- CommScope®

Product Type
- Fiber indoor/outdoor cable

Product Series
- P-LZ

General Specifications

Armor Type
- Interlocking aluminum

Cable Type
- Stranded loose tube

Construction Type
- Armored

Subunit Type
- Gel-free

Jacket Color
- Black

Ordering Tree
Mechanical Specifications

Compression 85 N/mm  |  485.363 lb/in
Compression Test Method  FOTP-41  |  IEC 60794-1 E3
Flex 25 cycles
Flex Test Method  FOTP-104  |  IEC 60794-1 E6
Impact 35 N-m  |  309.776 in lb
Impact Test Method  FOTP-25  |  IEC 60794-1 E4
Strain See long and short term tensile loads
Strain Test Method  FOTP-33  |  IEC 60794-1 E1
Twist 10 cycles
Twist Test Method  FOTP-85  |  IEC 60794-1 E7
Environmental Specifications

Installation temperature
-30 °C to +70 °C (-22 °F to +158 °F)

Operating Temperature
-40 °C to +70 °C (-40 °F to +158 °F)

Storage Temperature
-40 °C to +75 °C (-40 °F to +167 °F)

Cable Qualification Standards
ANSI/ICEA S-104-696 | EN 187105

Environmental Space
Plenum

Flame Test Listing
NEC OFCP (ETL) and c(ETL)

Flame Test Method
NFPA 130 | NFPA 262

Jacket UV Resistance
UV stabilized

Water Penetration
24 h

Water Penetration Test Method
FOTP-82 | IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze
-2 °C | 28.4 °F

Cable Freeze Test Method
FOTP-98 | IEC 60794-1 F15

Heat Age
-40 °C to +85 °C (-40 °F to +185 °F)

Heat Age Test Method
IEC 60794-1 F9

Low High Bend
-30 °C to +60 °C (-22 °F to +140 °F)

Low High Bend Test Method
FOTP-37 | IEC 60794-1 E11

Temperature Cycle
-40 °C to +70 °C (-40 °F to +158 °F)

Temperature Cycle Test Method
FOTP-3 | IEC 60794-1 F1

* Footnotes

Operating Temperature  Specification applicable to non-terminated bulk fiber cable