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

Jacket Color
Black

Jacket Marking
Feet

Subunit Type
Gel-free

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