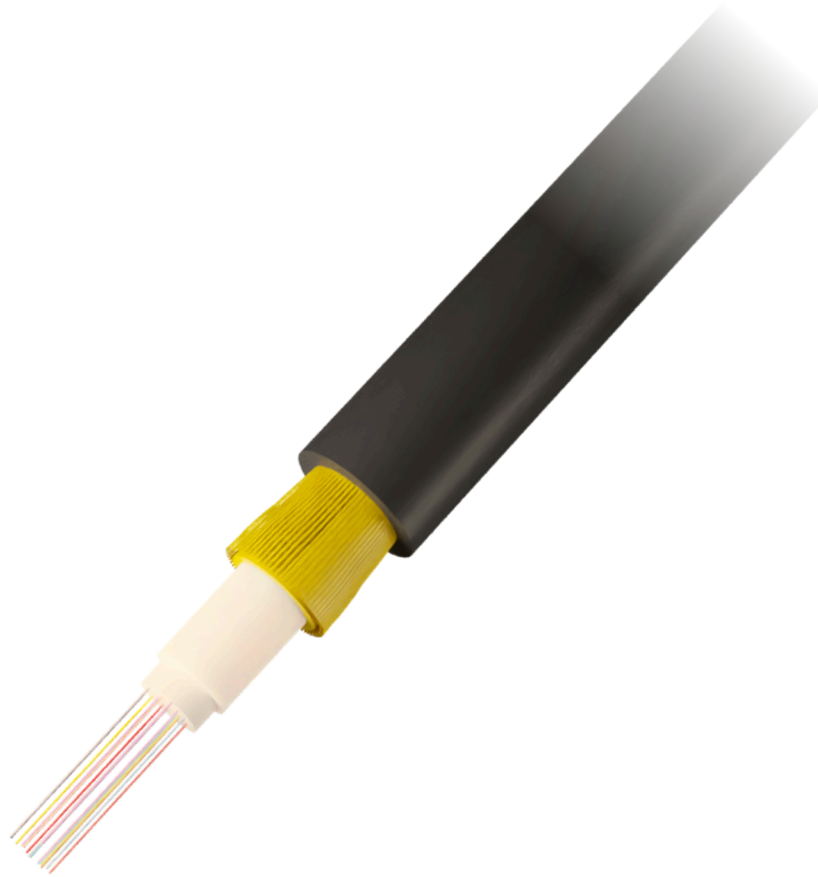


Overview



**Water & UV
resistant**



Tube filling
Duct Grade Rodent
resist



Application
Indoor/ Outdoor



**Outer Sheath
Material**
LSZH



Package
Wooden drum
& Cut to length Service

Description

The indoor/outdoor loose tube fiber optic cable is designed with 12 /24 cores using multimode fibers, known for their low dispersion and high bandwidth capabilities. Encased in a Low Smoke Zero Halogen (LSZH) sheathing, it ensures safety by emitting minimal smoke and no toxic halogen compounds when exposed to fire. This versatile cable is robust enough for outdoor environments yet flexible for indoor routing, making it an ideal choice for complex networking installations that require reliability and safety.

Specifications

Construction

| | |
|-----------------------|---|
| Colored fiber | Coated outside diameter: 125.0±0.1µm Optical fiber diameter: 242±7µm UV color fiber: Standard chromatogram Blue,Orange,Green,Brown,Gray/Slate,White,Red,Black,Yellow,Violet, Rose/Pink,Aqua |
| Tube filling compound | Gel |
| PBT loose tube | |
| Glass yam | |
| Out jacket | Black LSZH |
| Outside diameter | 6.0-6.5 ±0.2 mm |

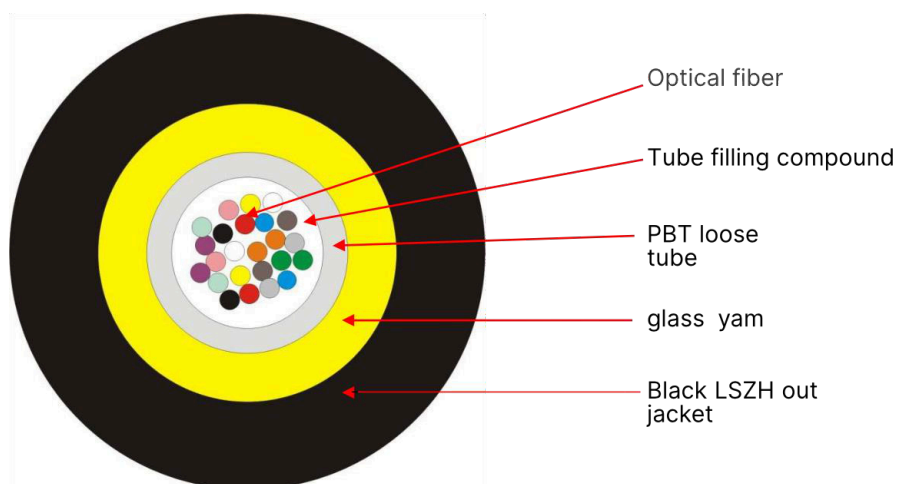
Parameters of fiber

| | |
|---------------------|----------|
| Optical fiber type | MM OM3 |
| Waveband (nm) | 850/1300 |
| Attenuation (dB/Km) | 3.0/1.0 |
| Fiber Count | 12/24 |

Product parameters

| Performance | Long-term | Short-term |
|---|-----------------|------------|
| Max. Tension (N) | 400 | 1000 |
| Max. Crushing Resistance(N/100mm ²) | 300 | 1000 |
| Min. Bending Radius | 30D (Dynamic) | 15D Static |
| Storage and operating temperature | - 40°C - + 70°C | |

Drawings






Appearance and packaging

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 2000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation.
4. Report certificate: It includes optical cable inspection number, optical cable type, core number, optical fiber type, length, etc

Ordering Table

| Part Number | Description |
|----------------|---|
| FIO2M3-12-03BK | Flaax INT/EXT L.TUBE FO 12C 50/125 OM3 G652D LSZH, OD 6.0mm |
| FIO2M3-24-03BK | Flaax INT/EXT L.TUBE FO 24C 50/125 OM3 G652D LSZH, OD 6.0mm |

Related Products

| Part Number | Description | Datasheet |
|--|---|---|
| FIO2S5-12-03 FIO2S5-24-03 | Flaax INT/EXT FOC Fiber Optic Cable 12C 9/125 SM LSZH Flaax INT/EXT L.TUBE FO 24C 9/125 SM G652D LSZH, OD 6.5mm https://flaaxcables.com/go/int/ext-foc-fiber-optic-cable |  |
| F2-1-102-2 | Flaax FO Pigtail LC OS2 0.9mm 2m 200-650 https://flaaxcables.com/go/flaax-fo-pigtail-lc-os2-09mm-2m |  |
| F1-11-11202-05 | Flaax Fiber Optic Patch Cord LC/UPC - LC/UPC OS2 Duplex 2.0mm 0.5m https://flaaxcables.com/go/fiber-optic-patch-cord-os2 |  |
| F1-11-11202-1 | Flaax Fiber Optic Patch Cord LC/UPC - LC/UPC OS2 Duplex 2.0mm 1m https://flaaxcables.com/go/fiber-optic-patch-cord-os2 | |
| F1-11-11202-10 | Flaax Fiber Optic Patch Cord LC/UPC - LC/UPC OS2 Duplex 2.0mm 10m https://flaaxcables.com/go/fiber-optic-patch-cord-os2 | |
| F1-11-11202-2 | Flaax Fiber Optic Patch Cord LC/UPC - LC/UPC OS2 Duplex 2.0mm 2m https://flaaxcables.com/go/fiber-optic-patch-cord-os2 | |
| F1-11-11202-3 | Flaax Fiber Optic Patch Cord LC/UPC - LC/UPC OS2 Duplex 2.0mm 3m https://flaaxcables.com/go/fiber-optic-patch-cord-os2 | |
| F1-11-11202-5 | Flaax Fiber Optic Patch Cord LC/UPC - LC/UPC OS2 Duplex 2.0mm 5m https://flaaxcables.com/go/fiber-optic-patch-cord-os2 | |

