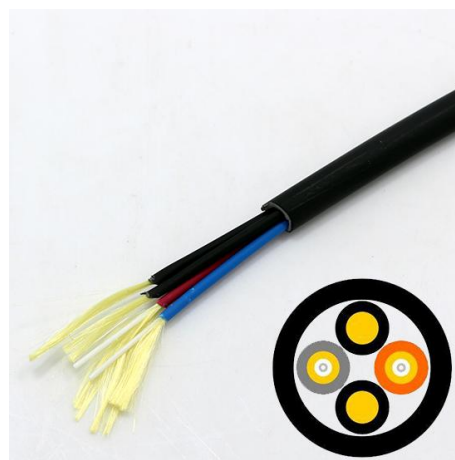
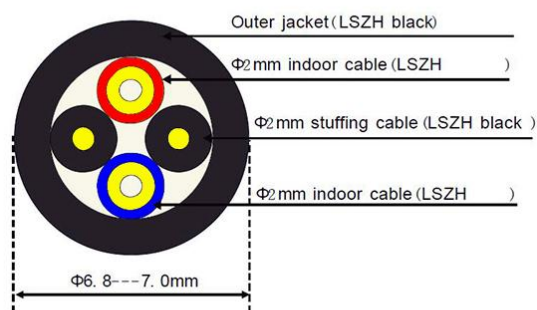


Duplex outdoor CPRI fiber patch cable for FTTA project



CPRI fiber patch cable for the new generation wireless base stations (WCDMA/TD-SCDMA/WiMax/GSM). Such products can be meet the FTTA(fiber to the top of the tower) program requirements for outdoor environment conditions and adverse weather conditions. Especially in the 3G, 4G, and WiMax base stations and fiber-optic distributed zoom technology, CPRI fiber patch cable are rapidly becoming the standard connector interface.

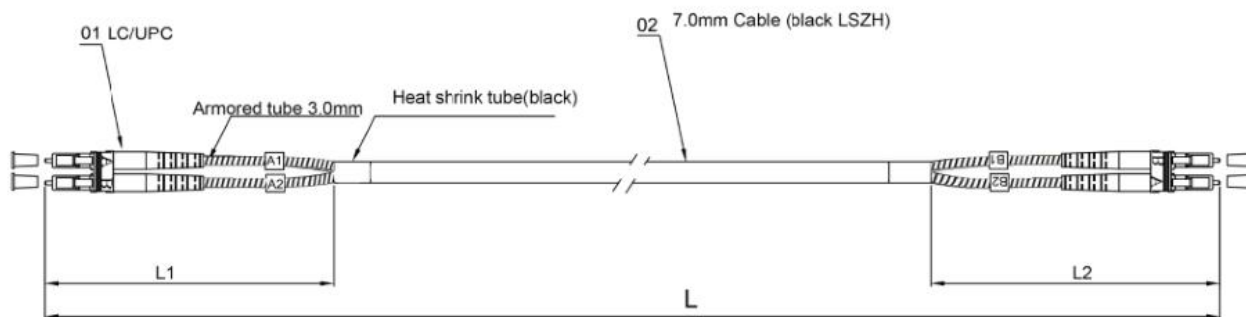
Cable Parameters



| Fiber Count | | 2F |
|-------------|---------------------|-------------|
| OD(mm) | Buffered | 0.87±0.05mm |
| | 2.0mm simplex cable | 2.0±0.05mm |
| | 7.0mm cable | 6.8-7.0mm |

| | | |
|---------------------------------------------|---------------------------|----------------|
| Thickness(mm) | Buffered | 0.3±0.05mm |
| | 2.0mm simplex cable | 0.25±0.05mm |
| | 7.0mm cable | 0.65±0.05mm |
| Nominal weight(kg/km) | | 42 |
| Max.tensile Strength(N) | Short-term | 400 |
| | Long-term | 200 |
| Min.Bending Radius(mm) | Dynamic | 20D |
| | Static | 10D |
| Max.Crush Resistance(N/100mm ²) | Short-term | 1000 |
| | Long-term | 300 |
| Material | Buffered | PVC |
| | 2.0mm simplex cable | LSZH |
| | 7.0mm cable | LSZH |
| Color | | Black |
| Strength Member | | Aramid yarn |
| Environmental Protection | | RoHS COMPLIANT |
| Temperature range | Storage or transportation | -20~70℃ |
| | Operation | -20~70℃ |
| | Installation | 0~60℃ |

Products drawing



Features

- Open bulkhead for easy access to SFP
- Positive mechanical feedback to operator when fully mated
- One-hand mating
- Plug has tolerance free design, fully free floating on Z-axis
- No Cable buckling during or after installation
- Cost effective metal die cast bulkhead
- Field installable version available



- Water proof, dust proof and corrosion resistant
- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics of jacket meet the requirements of relevant standards;
- Soft, flexible, water blocked, UV resistant, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients
- Bulkhead cutout allows for removal of transceiver through the bulkhead (no need to open PRH for transceiver replacement)
- Robust bayonet locking for easy, fast, and secure mating

Specification

| ITEM | PARAMETER |
|-----------------------|--------------------------------|
| Connector type | LC,SC,FC,ST,E2000 |
| Insertion Loss | <0.3dB |
| Return Loss | SM>50dB, APC>60dB, MM>35dB |
| Repeatability | <=0.1 |
| Interchangeability | <=0.2dB |
| Durability | <=0.2dB |
| Fiber Length | 1m, 2m... any length optional. |
| Length and tolerance | 10cm |
| Operating Temperature | -20C ~ +85C |
| Storage Temperature | -20C ~ +85C |

Application

- 3G,4G base station used
- Aerospace & Defence
- Equipment diagnosis
- FTTA ,FTTP, FTTX,WIMAX
- BBU, RRU, RRH, LTE



High Data Rate of Armored Cable Design

The strong PU jacket and singlemode APC armored structure of cable provide 1Gigabit data transfer speeds in high bandwidth application with 5 times quicker than standard 9/125μm fiber patch cable.



Low Insertion Loss & Secure & easy-to-use

Low insertion loss IP67 cable connector has a simple push-to-latch mating action, a pull-to-release outer sleeve allows un-mating, and a rubber-coated, steel, latching protective cap is fitted for use when unmated.



IP67 Connector Exceed the Requirements of ODVA

Designed according to the IEC60603-7 interface standard, what's more, the connector meet IP66/67 environmental sealing ratings, which allows mating to other similar mechanical locking systems.



Suitable for FTTH & FTTA Application

From junction cabinets in the street or direct buried installation, to remote radio head connection or wind mills mas, it often be used in FTTH, FTTA, LAN Test equipment and military industry.