

FTTA Indoor/Outdoor CPRI Fiber Patch Cable



13 Features and Benefits

Applications:

- Remote base stations such as RRU or BBU.
- Smart substation and CATV Outdoor application.
- Emergency access to optical fiber communication.
- Horizontal and Vertical Cabling for All Common LTE/4G/5G Radio Systems.
- Used in FTTX, from residence to data center and cabling level and vertical, also used in FTTH cable.
- Armored Fiber to the Antenna (FTTA) Patch Cable for Outdoor Application.

Key Features:

- Armored steel Shield design to protect the fiber from rodent
- Good mechanical and temperature characteristics.
- Good lateral compression and flexibility.
- Anti-rodent, Bird-proof, waterproof, and environment protection.
- The mini-armored layer is used to decrease the outer diameter and cable weight, also convenient for laying and Connecting..

Physical Specifications

Structure:

Core: Buffer Coating (Duplex 2 fibers) (Simplex 1 fibers)

Connector Type: SC/LC/FC UPC/APC & IP-67 ODC Type

Fiber Type: Single-mode((G.652D or G.657.A1/A2/B3))/Multimode (OM3/OM4/OM5)

Strength Member: Aramid yarn (Kevlar®) for tensile strength.

Armor: Shield Armored

Outer dia.: 0.7mm

Outer Sheath: LSZH /(Flame-Retardant, UV-Resistant)

Standard Compliances

- TIA/EIA-568-C.3,
- UL94V-0 for flame resistance.
- Telcordia GR-326 for connector reliability
- RoHS Compliant

Mechanical & Environmental Specs:

Tensile Strength: (Long-term ≥ 200 N /Short-term: ≥ 400 N)

Crush Resistance: ≥ 1000 N/10cm

Bending Radius (Static/Dynamic): $20\times / 10\times$ cable diameter

Operating Temperature: -20°C to $+70^{\circ}\text{C}$

Insertion Loss: $\leq 0.3\text{dB}$ (SM), $\leq 0.5\text{dB}$ (MM)

Return Loss: $\geq 50\text{dB}$ (UPC), $\geq 60\text{dB}$ (APC)

Ordering Information

Fiber Type	SMF-28® Ultra ITU-T G.652.D	SMF-28® Ultra ITU-T G.652.D	SMF-28® Ultra ITU-T G.652.D	SMF-28® Ultra ITU-T G.652.D
Connector Type	LC-LC/UPC	SC-SC/UPC	FC-FC/UPC	LC-LC-ODC/UPC
Part No.	CS-FPUAOD52D-LC-LC-XXX	CS-FPUAOD52D-SC-SC-XXX	CS-FPUAOD52D-FC-FC-XXX	CS-FPUAOD52D-LC-LC-ODC-XXX
Optional Length	10M, 15M, 20M, 30M 50M, 75M, 100M, 150M	10M, 15M, 20M, 30M 50M, 75M, 100M, 150M	10M, 15M, 20M, 30M 50M, 75M, 100M, 150M	10M, 15M, 20M, 30M 50M, 75M, 100M, 150M