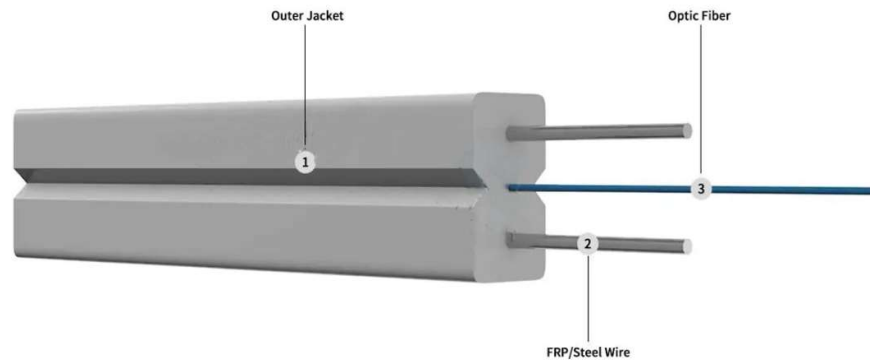


Indoor Flat FTTH Drop Fiber Optic Cable



12 Features and Benefits

- **Applications:**
 - FTTH Drop Cables (last-mile connectivity to homes/buildings)
 - Indoor cabling (Concealed Conducting, horizontal & vertical distribution)
 - Wall-Mounted Wiring (along buildings, poles)
 - Short-Distribution Links (from distribution box to end-user)
 - Security & CCTV Systems,
- **Key Features:**
 - Lightweight & Flexible: Easier to handle and install compared to round cables.
 - Two parallel FRP ensure the tensile strength.
 - Bend-Resistant: Optimized for tight bends in FTTH deployments.
 - Easier to route in tight spaces (e.g., corners, windows, conduits).

Physical Specifications

- **Structure:**
 - Core:** 250µm bare fiber (01-4 fibers)
 - Fiber Type:** Single-mode((G.652D or G.657.A1/A2/B3))/Multimode (OM3/OM4/OM5)
 - Strength Member:** FRP
 - Outer Sheath:** SZH of UV-resistant PE (Polyethylene) (optional)
- **Mechanical & Environmental Specs:**
 - Tensile Strength:** (Long-term ≥ 600 N /Short-term: ≥ 1000 N)
 - Crush Resistance:** ≥ 1000 N/10cm
 - Bending Radius (Static/Dynamic):** $20\times / 10\times$ cable diameter
 - Operating Temperature:** -20°C to $+70^{\circ}\text{C}$
 - Impact Resistance:** Passes IEC 60794-1-E3 standard

Standard Compliances

- **International Standards:** IEC 60794, ITU-T G.652/G.657, ANSI/TIA-568.
- **IEC 60332-1,2** (LSZH version complies).
- **RoHS**

Ordering Information

No. of Cores	Multi Mode	Single Mode	Single Mode	Single Mode	Outer Jacket	Overall Dia. (mm)	Packaging
	ClearCurve® OM3	ClearCurve® OM4	SMF-28® Ultra ITU-T G.657.A1	SMF-28® Ultra ITU-T G.652.D			
01	CS-FTHF8UM3-01	CS-FTHT8UM4-01	CS-FTHT8U57-01	CS-FTHT8U52-01	PE/LSZH	2.0*3.0 ±	2000M - 4000M/Reel
02	CS-FTHT8UM3-02	CS-FTHT8UM4-02	CS-FTHT8U57-02	CS-FTHT8U52-02	PE/LSZH	2.0*3.0 ±	2000M - 4000M/Reel
04	CS-FTHT8UM3-04	CS-FTHT8UM4-04	CS-FTHT8U57-04	CS-FTHT8U52-04	PE/LSZH	2.0*3.0 ±	2000M - 4000M/Reel