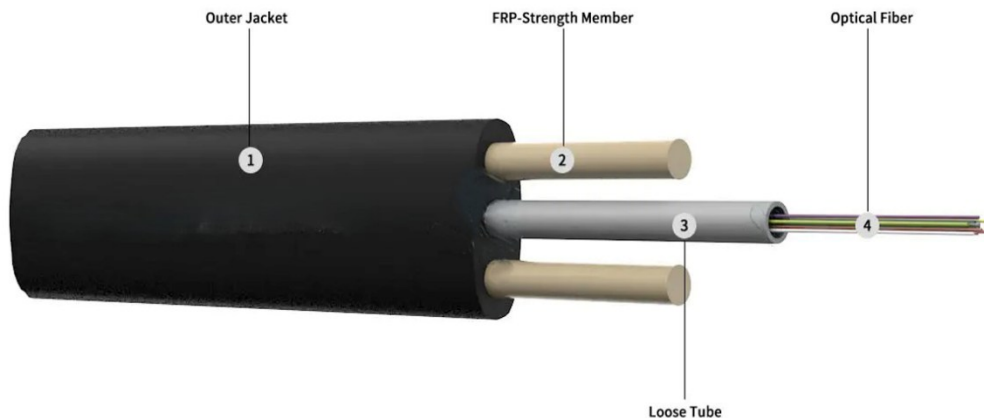


Indoor/Outdoor Flat All Dielectric Drop Fiber Optic Cable



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Features and Benefits

Applications:

- FTTH Drop Cables (last-mile connectivity to homes/buildings)
- Indoor/Outdoor cabling (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 of the cable.
- All-Dielectric: Contains no metallic components, making it immune to electromagnetic interference (EMI) and lightning strikes.
- Color-Coded Fibers – Standard TIA-598 color coding for easy identification.

Physical Specifications

Structure:

Core: Central Loose tube design (02-12 fibers)

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

Loose Tubes: PBT outer Dia. 2.0MM , gel-filled (~2–12 fibers/tube).

Strength Member: FRP (fiber-reinforced plastic)

Outer Sheath: UV-resistant PE (Polyethylene) or LSZH (optional)

Mechanical & Environmental Specs:

Tensile Strength: (Long-term ≥ 600 N /Short-term: ≥ 1500 N)

Crush Resistance: ≥ 1000 N/10cm

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

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

Standard Compliances

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

Ordering Information

No. of Cores	Multi Mode	Multi 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			
02	CS-FTHDXTM3-02	CS-FTHDXTM4-02	CS-FTHDXTX57-02	CS-FTHDXTX52-02	PE/LSZH	4.5*8.5 $\pm$	2000M - 4000M/Reel
02	CS-FTHDXTM3-04	CS-FTHDXTM4-04	CS-FTHDXTX57-04	CS-FTHDXTX52-04	PE/LSZH	4.5*8.5 $\pm$	2000M - 4000M/Reel
06	CS-FTHDXTM3-06	CS-FTHDXTM4-06	CS-FTHDXTX57-06	CS-FTHDXTX52-06	PE/LSZH	4.5*8.5 $\pm$	2000M - 4000M/Reel
08	CS-FTHDXTM3-08	CS-FTHDXTM4-08	CS-FTHDXTX57-08	CS-FTHDXTX52-08	PE/LSZH	4.5*8.5 $\pm$	2000M - 4000M/Reel
12	CS-FTHDXTM3-12	CS-FTHDXTM4-12	CS-FTHDXTX57-12	CS-FTHDXTX52-12	PE/LSZH	4.5*8.5 $\pm$	2000M - 4000M/Reel