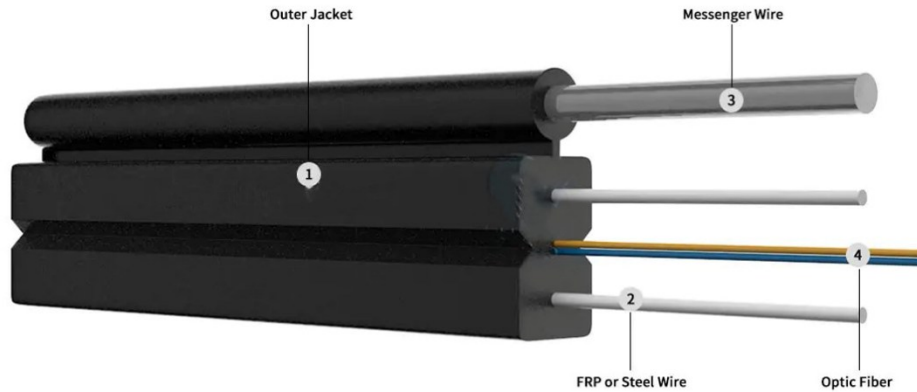


Indoor/Outdoor Flat FTTH Self-Supporting Drop Fiber Optic Cable



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 and self-supporting Steel Wire ensure the tensile strength of the cable for aerial deployments.
- 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 and Self-supported Steel Wire

Outer Sheath: UV-resistant PE (Polyethylene) or LSZH (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-FTHT8MM3-01	CS-FTHT8MM4-01	CS-FTHT8M57-01	CS-FTHT8M52-01	PE/LSZH	$2.0*3.0*6.6 \pm$	2000M - 4000M/Reel
02	CS-FTHT8MM3-02	CS-FTHT8MM4-02	CS-FTHT8M57-02	CS-FTHT8M52-02	PE/LSZH	$2.0*3.0*6.6 \pm$	2000M - 4000M/Reel
04	CS-FTHT8MM3-04	CS-FTHT8MM4-04	CS-FTHT8M57-04	CS-FTHT8M52-04	PE/LSZH	$2.0*3.0*6.6 \pm$	2000M - 4000M/Reel