

I-N(ZM)H FTTH Drop

FTTH Drop Non-Metallic Single LSZH Jacket Indoor Type Fiber Optic Cable

Overview - I-N(ZM)H Drop

FTTH Drop cable “ I-N(ZM)H Drop “ all dielectric for Fiber To The Home (FTTH or FTTx) application having up to max. 4 individually colored optical fibers. Two Fiber Reinforced Plastic (FRP) strength members placed inside Low Smoke Zero Halogen (LSZH) jacket with nominal dimension 3.2 x 2 mm. FTTH indoor cable has a much greater bandwidth to carry data and less susceptible to electromagnetic interference than many other indoor fiber optical cables. Its robust structure strengthens and protect the cable from the mechanical strikes. Having small diameter, water-resistance, flexible structure, easy to install and maintenance. Furthermore, the non-metallic strength member can provide protection and anti-electromagnetic interference. FTTH cables are ideal for indoor cabling, end users directly cabling. White or Black outer jacket optional

Compliance

- EN 50173-1, IEC 60754-2, IEC 60794-1&2, IEC 60793-1&2, IEC 60332-1 & 2

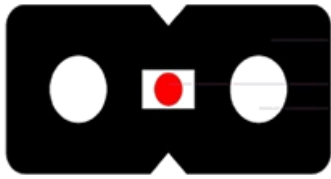
Application

- FTTH (fiber to the home) indoor cabling and distribution.
- Access network and local area network (LAN).
- Indoor Interconnect and Patch-cord Applications
- Indoor FTTH applications horizontal and riser
- Clipping to surfaces including skirting boards
- Short distance external use with black LSZH jacket
- Used end users directly cabling and Fiber optic communication system.

Features and Benefits

- Easy to Strip
- Direct Termination
- Small Diameter
- Complete Dry Design
- Water Resistance
- All Dielectric
- Halogen Free Fire Retardant / Low Smoke Zero Halogen
- Flexible
- Enforced with Non-Metallic Strength Members

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- 1. HFFR Sheath
- 2. Strength Member
- 3. Optical Fiber

Specification

Fibers	1	2	4
Strength members	0.5mm FRP		
Outer jacket	LSZH		
Jacket Ø (mm)	3.2x2.0		
Optical Characteristics			
Bandwidth (nm)	9/125 G.652-D	9/125 G.657A1	9/125 G.657A
Attenuation (max dB/km)			
Bandwidth (dB)	1310/1550	1310/1550	1310/1550
Attenuation (KM)	0.35/0.25	0.34/0.24	0.34/0.22
Weight (Kg/Km)	9.0	9.0	9.0
Tensile Load Perm / Inst (N)	100/200	100/200	100/200
Crush (N/10cm)	200 (IEC 60794-1-2 E3)		
Temperature Range	-10 °C to +60 °C (IEC 60794-1-2 F1)		
Min. Bending Radius	15 x Outer Ø	10 x Outer Ø	

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