Indoor/Outdoor Central Loose Tube High Flame-Retardant Optical Fiber Cable --GJYFXH

Applications:

1. Buildings & Public Premises: Suitable for densely populated areas such as office buildings and commercial complexes, meeting fire code requirements for flame retardant, low smoke and zero halogen cabling.

2. Industrial & Energy Sites: For chemical, power, oil & gas facilities with strict requirements on fire resistance, lightning protection and insulation. Non-metallic construction eliminates lightning induction risk.

3. Data Centers & Telecom Rooms: High flame retardancy, no corrosive gas during combustion to ensure stable communication services.

Features:

1.Compact structure & easy installation: Central tube design with small outer diameter to save duct space.

2. Dry PBT loose tube with excellent temperature stability: Compared with PP loose tube, PBT features high modulus and low creep. It performs stably under high/low temperature conditions with stable fiber excess length and reliable long-term transmission.

3. Superior mechanical protection: High rigidity of PBT loose tube delivers good resistance to lateral pressure and impact.

4. High flame retardancy & compliance: Cca flame retardant rating, compliant with EU CPR-EN50575 standard. Controlled bundled fire propagation, low smoke zero halogen, ideal for fire-rated cabling in European public buildings, risers, cable trays and blown installation.

temperature:

Operating temperature: -20℃ ~ +60℃

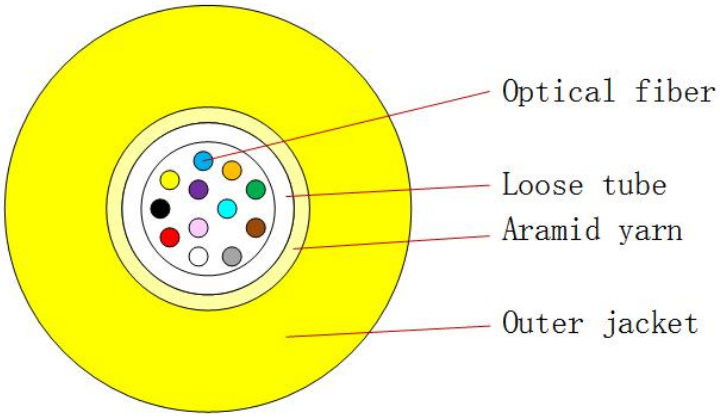
Transmission performance:

Fiber type	SM.G657A2 1310nm/1550nm
Attenuation maximum (dB/km)	0.35/0.20

Note: Other fibres are also available upon request

GJYFXH Optical cable

Product Structure Diagram:



Product Description:

GJYFXH:(Central Loose Tube Structure, Non-metallic Strength Members, Cca Flame-retardant LSZH Sheath)

Technical Parameters (Typical):

Core Count	Loose Tube OD(mm)	Product Outer Diameter (mm)	Weight (kg/km)	Short-Term Tensile Load [N]	Short-term Crushing Force (N)	Bend Radius [mm] Static/Dynamic
12	3.0±0.1	6.0±0.3	33	300	1000	10D/20D

Notes:

1. Technical parameters can be adjusted according to customer requirements.
2. The above data is for reference only.

Physical Image: