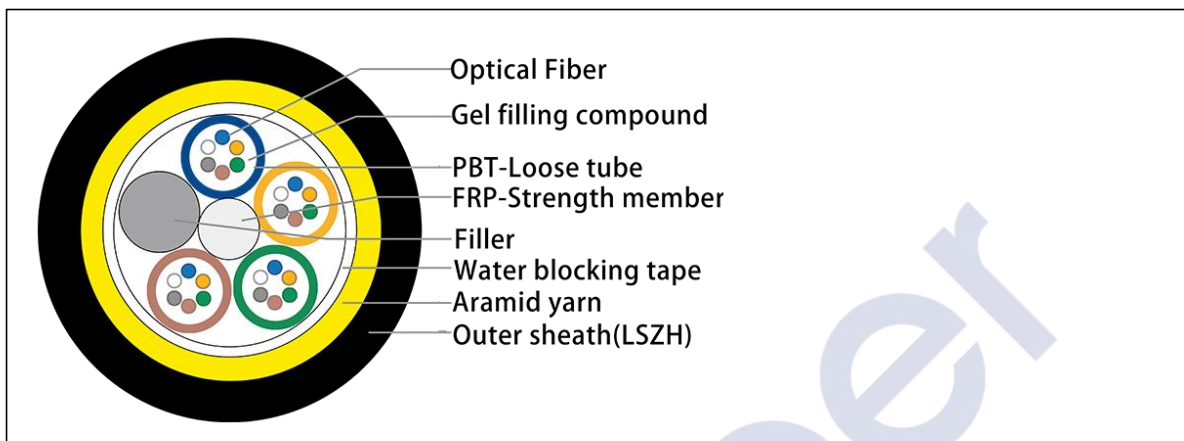


GYFHTZY All Dielectric Flame-retardant Stranded Loose Tube Semi-dry Optical Fiber Cable

Product Structure Diagram



Product Description

Optical fibres are housed in loose tubes that are made of high-modulus plastic and filled with tube filling compound. The tubes (and fillers) are stranded around a non-metallic central strength member to form a cable core. The gap of core is filled with water-blocking yarns or longitudinally wrapped with water-blocking tape. Then a LSZH outer jacket is extruded.

Product features

- Good mechanical and thermal performance
- FRP as the central strength member
- Hydrolysis resistant loose tube
- Tube filling gel ensures critical protection of fiber
- Specially designed stranded compact structure eliminating contraction of tubes
- Fire resistant tape and LSZH jacket ensuring good flame-retardant performance
- Excellent crush resistance
- All-dielectric design, applicable to lightning-prone areas

Application

Non Self-supporting Aerial Installation.

Technical Specifications

Product Parameters

Project	Technical indicators								
	2-30	32-36	38-60	62-72	74-96	98-120	122-144	146-216	218-288
Counts	2-30	32-36	38-60	62-72	74-96	98-120	122-144	146-216	218-288
Max.fiber counts per tube	6	6	12	12	12	12	12	12	12
Units(Tubes or Fillers)	6	6	6	6	8	10	12	18	24
Cable Diameter(mm)	10.1	10.1	11.0	11.0	12.3	13.7	15.2	15.6	17.6
Reference weight(Kg/km)	106	106	125	125	153	186	225	229	290
Fiber Type	G652D G655 G657 50/125 62.5/125								
Tensile Strength(N)	Long/Short Term:600/1500								

Crush Resistance(N/100mm)	Long/Short Term:300/1000
Bending Radius(mm)	Static/Dynamic:12.5D/25D
Temperature(°C)	Storage /Operation:-40°C~+70°C

unionfiber