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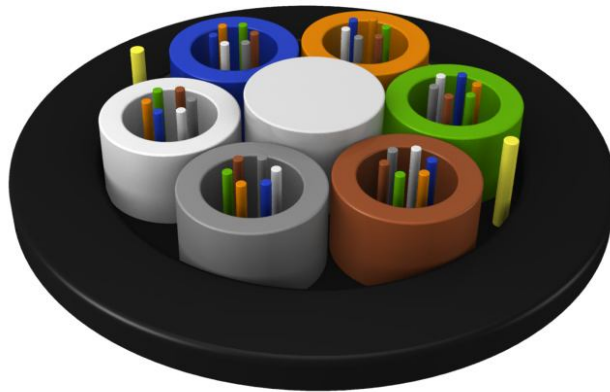
Outdoor Fiber Optic Cables

Item Code: STOFc-GYFTY

GYFTY Non-metallic Strength Member Loose Tube Stranded Fiber Optic Cable



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Description

GYFTY is an outdoor communication fiber optic cable of non-metallic strength member of the loose tube jelly-filled structure, with polyethylene sheath.

Features

- Full cross-section water-blocking structure to ensure good water blocking and moisture resistance
- Loose tube is filled with special ointment for key protection of fiber
- High-modulus glassfibre reinforced plastics (FRP) central strength member
- With all-dielectric (non-metallic) structure, and light weight, the fiber is convenient for laying, excellent in anti-electromagnetic capacity, and applicable to power system and multithunder area.
- Product life is 30 years

Performance Indicators

- Applications: suitable for long-distance communication and indoor communication
- Way of laying: overhead, pipeline
- Operating temperature: $-40 \sim +70^{\circ}\text{C}$
- Bend radius: static 10x cable diameter
dynamic 20x cable diameter

Technical Specifications

Number of cores	Number of cable cores	Maximum fiber cores in loose tube	Cable diameter (mm)	Cable weight (kg/km)	Allowable tension (N)		Allowable flattening force (N/100 mm)	
					short	long term	short	long term
2-30	5	6	8.7	66	≥ 1500	≥ 600	≥ 1000	≥ 300

32-60	5	12	9.3	78				
62-72	6	12	9.9	90				
74-84	7	12	11.2	114				
86-96	8	12	11.2	114				
98-120	10	12	12.9	141				
122-144	12	12	14.4	174				