

SUMMIT TELECOM

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Outdoor Fiber Optic Cables

Item Code: STOFC-GYFTA

GYFTA Non-metallic Strength Member Loose Tube Stranded Fiber Optic Cable with LAP Sheath



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Description

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

Features

- Full cross-section water-blocking structure and double-sided coated aluminum with vertical cover ensure good water blocking and moisture resistance
- Loose tube is filled with special ointment for key protection of fiber
- High-modulus FRP central strength member
- 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	9.5	76	≥ 1500	≥ 600	≥ 1000	≥ 300
32-60	5	12	10.2	90				
62-72	6	12	10.9	103				
74-84	7	12	12.2	128				
86-96	8	12	12.2	128				
98-120	10	12	14.0	164				

122-144	12	12	14.5	200				
146-216	18	12	16.1	210				
218-300	25	12	18.5	270				