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Outdoor Fiber Optic Cables

Item Code: STOF-GYTA

GYTA Metal Strength Member Loose Tube Stranded Fiber Optic Cable



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Description

GYTA is an outdoor communication fiber optic cable of metal 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 film steel belt longitudinal application ensure good water blocking and moisture resistance.
- Loose tube is filled with special grease to ensure good water blocking and moisture performance
- The phosphate wire center stiffening member is of high modulus and corrosion resistance.
- More than 30 years of service life.

Performance Indicators

- Applications: suitable for long-distance communication and indoor communication
- Way of laying: overhead, pipeline
- Operating temperature: -40 ~ + 70 °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	86	≥1500	≥600	≥1000	≥300

32-60	5	12	10.2	99				
62-72	6	12	10.9	123				
74-84	7	12	12.2	148				
86-96	8	12	12.2	148				
98-120	10	12	14.0	183				
122-144	12	12	14.5	220				
146-216	18	12	16.1	229				
218-300	25	12	18.5	290				