

SUMMIT TELECOM

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Outdoor Fiber Optic Cables

Item Code: STOFc-GYTA53

GYTA53 Loose Tube Stranded Fiber Optic Cable with LAP and PSP Armored Double PE Sheath



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Description

GYTA53 is an outdoor communication fiber optic cable of metal strength member of the loose tube jelly-filled structure, with Al-polyethylene laminated sheath longitudinally covered with corrugated steel-tape armored polyethylene outer 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
- The phosphate wire center stiffening member is of high modulus and corrosion resistance.
- Double-sided vertically-clad corrugated steel-tape armor effectively improves the resistance to lateral pressure
- Product life is 30 years

Performance Indicators

- Applications: suitable for long-distance communication and indoor communication
- Way of laying: direct burial, pipeline
- Operating temperature: -40 ~ + 70 °C
- Bend radius: static 12.5x cable diameter
dynamic 25x 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	12.9	160				
32-60	5	12	13.4	175				
62-72	6	12	14.1	204				
74-84	7	12	15.4	245	≥3000	≥1000	≥3000	≥1000
86-96	8	12	15.4	245				
98-120	10	12	17.2	285				
122-144	12	12	19.0	334				