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Outdoor Fiber Optic Cables

Item Code: STOFc-GYTS

**GYTS Metal Strength Member Loose Tube Stranded Fiber Optic Cable
with PSP Sheath**



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Description

GYTS is an outdoor communication fiber optic cable of metal strength member of the loose tube jelly-filled structure with steel-polyethylene laminated sheath.

Features

- Full cross-section water-blocking structure, double-sided coated film steel belt longitudinal application
- Loose tube is filled with special grease to ensure good water blocking and moisture performance
- For critical fiber protection, the phosphate wire center stiffening member is of high modulus and the corrosion-resistant product has 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: $-40 \sim +70^{\circ}\text{C}$
- 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	9.8	102	≥ 1500	≥ 600	≥ 1000	≥ 300
32-60	5	12	10.7	117				
62-72	6	12	11.3	143				
74-84	7	12	12.7	173				

86-96	8	12	12.7	173				
98-120	10	12	14.5	211				
122-144	12	12	16.0	230				
146-216	18	12	16.7	262				
218-300	25	12	19.0	302				