

# SUMMIT TELECOM

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## Outdoor Fiber Optic Cables

Item Code: STOFc-GYTY53

### **GYTY53 Metal Strength Member Lose Tube Stranded Fiber Optic Cable with PSP Armored Double PE Sheath**



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### **Description**

GYTY53 is an outdoor communication fiber optic cable of metal strength member of the loose tube jelly-filled structure, with 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 5 6 7 8 10 12	6 12 12 12 12 12 12	11.9 12.7 13.1 14.8 14.8 16.1 17.8	139 155 181 212 212 258 306	≥3000	≥1000	≥3000	≥1000
32-60								
62-72								
74-84								
86-96								
98-120								
122-144								