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Outdoor Fiber Optic Cables

Item Code: STOFc-GYTC8S

GYTC8S Loose Tube Stranded Figure 8 Self-supporting Aerial Fiber Optic Cable



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Description

GYTC8S is an outdoor communication figure 8 self-supporting aerial fiber optic cable of metallic strength member of the loose tube jelly-filled structure, with steel-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 a key fiber protection
- The phosphate wire center stiffening member is of high modulus and corrosion resistance.
- The figure 8 aerial-self supporting structure is featured with high tensile strength, easy overhead laying, and low cost of installation.
- Product life is 30 years

Performance Indicators

- Applications: suitable for long-distance communication and indoor communication
- Way of laying: aerial self-supporting
- 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*18.5	166	≥6000	≥2000	≥1000	≥300
32-48	5	12	10.6*19.3	180				
50-60	5	12	10.6*19.6	190				
62-72	6	12	11.3*20.3	217				
74-84	7	12	12.7*21.7	252				
86-96	8	12	12.7*21.7	252				