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Outdoor Fiber Optic Cables

Item Code: STOF-CGYTC8A

GYTC8A Figure 8 Self-supporting Aerial Fiber Optic Cable



Description

GYTC8A is an outdoor communication figure 8 self-supporting aerial fiber optic cable of metallic 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 aluminum 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.
- The figure 8 aerial self-supporting structure is featured with high tensile strength, easy overhead laying, and low cost of installation.
- More than 30 years of service life.

Performance Indicators

- Applications: suitable for long-distance communication and indoor communication
- Way of laying: aerial self –supporting

- 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*18.2	150	≥6000	≥2000	≥1000	≥300
32-48	5	12	10.2*18.9	162				
50-60	5	12	10.2*19.2	173				
62-72	6	12	10.9*19.9	197				
74-84	7	12	12.1*21.1	217				
86-96	8	12	12.1*21.1	217				