

SUMMIT TELECOM

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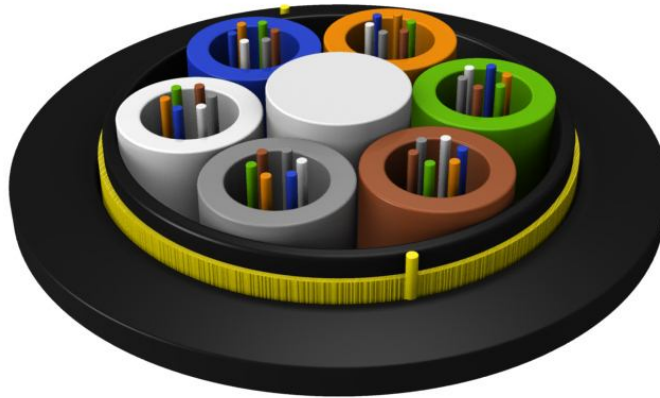
Outdoor Fiber Optic Cables

Item Code: STOF-FC-GYFTCY (ADSS)

GYFTCY All-Dielectric Self-supporting (ADSS)/Direct-burial Double Sheath Fiber Optic Cable



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Description

GYFTCY (ADSS) is all-dielectric self-supporting (ADSS)/direct-burial double sheath cable.

Features

- High quality optical fiber provides good transmission performance
- Accurate fiber excess length control ensure excellent mechanical and temperature performance
- Special filling gel filled loose tubes provide perfect optical fiber protection
- All section water blocking present reliable performance of moisture-proof and water block
- High young's modulus fiber reinforced plastic(FRP) as central strength member gives high tensile strength
- All dielectric structure,light weight,easy installation,good electromagnetic resistance,suitable for operating in electrical system or frequently lightning areas
- Operating temperature:-30~+70℃; storage temperature:-40~+70℃
- Applicable to direct burial/aerial installation

Technical Specifications

Number of Cores	Nominal Diameter (mm)	Nominal Weight (kg/mm)	Max Fibers Per Tube	No. of (Tubes+ Fillers)	Allowable Tensile Load (N)		Allowable Crush Resistance(N/100mm)	
					Short Term	Long Term	Short Term	Long Term
2~36	10.7	92	6	6	2700	1000	1000	300
38~72	11.6	103	12	6	2700	1000	1000	300
74~96	13.3	149	12	8	2700	1000	1000	300
98~120	14.8	180	12	10	2700	1000	1000	300
122~144	16.4	222	12	12	2700	1000	1000	300
146~216	16.6	224	12	18(2 layers)	2700	1000	1000	300

>216	Available upon customers' requests
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Note:1,For flame retardant cable,outer sheath can be made of low-smoke halogen-free(LSZH)material,and the type is GYFTCZY.

For anti-termite cable,additional Nylon resin is extruded over sheath.

2,This structure can be used for self-support aerial installation(ADSS) and MAT,RTS should be designed according to application conditions.