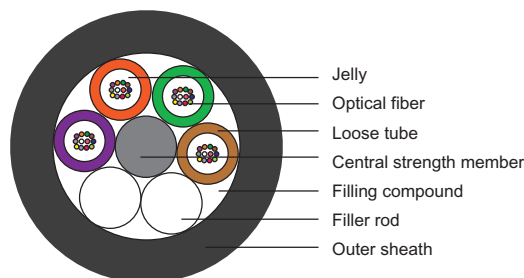


Duct and Non-Self Supporting Aerial Cable(GYFTY)



Fiber: Up to 288, Gel-filled

Fiber Types: Single-mode and Multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: FRP

Sheath Options: Single PE Sheath

Armored: None

Operating Temperature: -40°C - 70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Excellent mechanical and environmental performance
- Good water resistance performance
- With simple structure easy to install
- Gel-filled Loose tube protect the fiber well
- Perfect lightning protection effect with all-dielectric materials

Applications

Duct and Non-Self Supporting Aerial Cable

MAX
70°C

Max. operating
temperature

MIN
-40°C

Min. operating
temperature



Installation
temperature Min 0°C



In air



In conduit

Fiber Transmission Performance

Cabled Optical fiber (dB/km)	62.5μm (850nm/1300nm)	50μm (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.655 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Typical value	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

Technical Specification

Cable type	Maximum cores	Tensile Strength		Crush Resistance		Minimum bend radius		Cable diameter	Cable weight
		Short term	Long term	Short term	Long term	Dynamic	Static		
GYFTY	36	1500	600	1000	300	20D	10D	9.7	79
GYFTY	48	1500	600	1000	300	20D	10D	10.9	105
GYFTY	72	1500	600	1000	300	20D	10D	11.1	103
GYFTY	96	1500	600	1000	300	20D	10D	12.7	136
GYFTY	120	1500	600	1000	300	20D	10D	14.2	167
GYFTY	144	1500	600	1000	300	20D	10D	15.9	204
GYFTY	288	1500	600	1000	300	20D	10D	18.3	270

Remark : 1. D is the diameter of the cable ; 2. The above parameters are typical value ; 3. The cable spec can be designed according to customer's requirement.