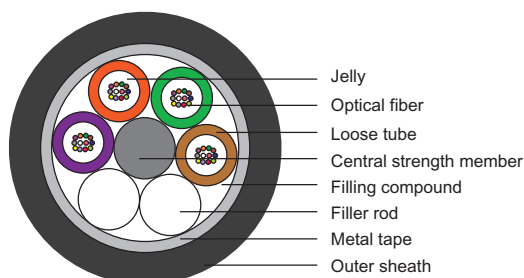


Duct and Non-Self Supporting Aerial Cable(GYFTA)



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: Aluminum tape

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 Aluminum tape
- armored
- With simple structure easy to install
- Gel-filled Loose tube protect the fiber well

Applications

Duct and Non-Self Supporting Aerial Cable



Max. operating temperature



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		
GYFTA	36	1500	600	1000	300	20D	10D	10.2	87
GYFTA	48	1500	600	1000	300	20D	10D	11.4	111
GYFTA	72	1500	600	1000	300	20D	10D	11.6	112
GYFTA	96	1500	600	1000	300	20D	10D	13.4	152
GYFTA	120	1500	600	1000	300	20D	10D	14.9	185
GYFTA	144	1500	600	1000	300	20D	10D	16.6	224
GYFTA	288	1500	600	1000	300	20D	10D	19.0	288

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.