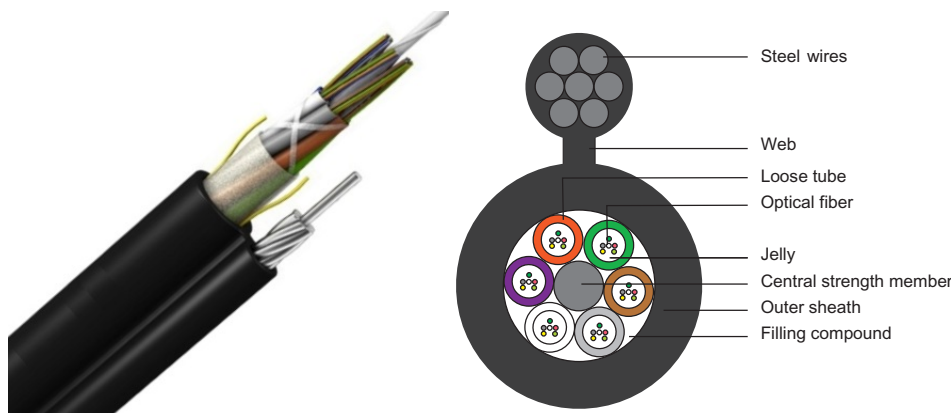


FIG 8 self-supporting Aerial Optic Fiber Cable(GYTC8Y)



Fiber: Up to 288, Gel-filled

Fiber Types: Single-mode and Multimode

Cable Constructions: S-Z Stranded loose tube

Strength Member: Steel wire

Sheath Options: Single PE Sheath

Armored: None

Operating Temperature: -40°C - 70°C

Compliances: In Accordance with IEC, ITU and EIA standards

Features

- Increase fiber quantity in cable ;
- Good performance in Compound ;
- Radiation resistance
- Gel-filled Loose tube protect the fiber well
- For high tensile

Applications

Self-supporting Aerial Optic Fiber Cable



Max. operating temperature



Min. operating temperature



Installation temperature Min 0°C



In air

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 Short term	Long term	Crush Resistance Short term	Long term	Minimum bend radius Dynamic	Static	Cable diameter	Cable weight
GYTC8Y	30	3000	1000	1000	300	20D	10D	8.6×16.4	133
GYTC8Y	60	3000	1000	1000	300	20D	10D	9.6×17.4	155
GYTC8Y	30	4500	1500	1000	300	20D	10D	8.6×17.0	155
GYTC8Y	60	4500	1500	1000	300	20D	10D	9.6×18.0	177
GYTC8Y	30	7000	2000	1000	300	20D	10D	8.6×18.2	213
GYTC8Y	60	7000	2000	1000	300	20D	10D	9.6×19.2	234

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.