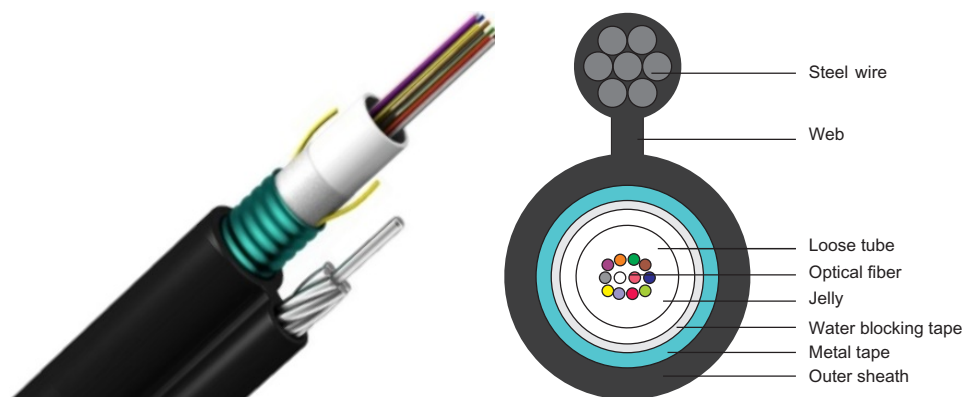


FIG 8 self-supporting Aerial Optic Fiber Cable(GYXTC8S)



Fiber: Up to 24, Gel-filled

Fiber Types: Single-mode and Multimode

Cable Constructions: Central tube

Strength Member: Steel wires

Sheath Options: Single PE Sheath

Armored: Steel tape

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
- Easy for construction
- Good at waterproof performance

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
GYXTC8S	12	3000	1000	1000	300	20D	10D	7.6×14.5	117
GYXTC8S	24	3000	1000	1000	300	20D	10D	8.5×15.4	128
GYXTC8S	12	4500	1500	1000	300	20D	10D	7.6×15.1	137
GYXTC8S	24	4500	1500	1000	300	20D	10D	8.5×16.0	148

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.