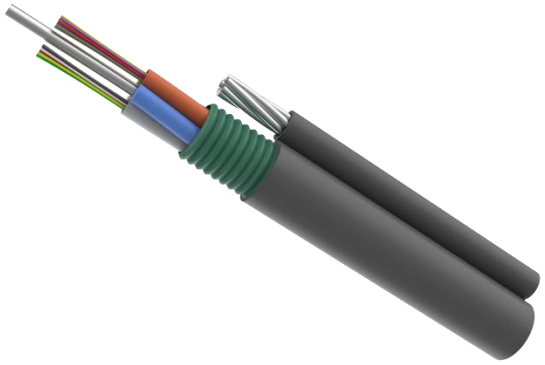
GYTC8S

FIG 8 Self-supporting Aerial Optic Fiber Cable



Features

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

Fiber & Tube Color Sequence (The color starts from No. 1 Blue.)

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	Aqua

Cable Specification

1	Fiber	Up to 288, Gel-filled
2	Fiber Types	Single-mode or Multimode
3	Cable Constructions	S-Z Stranded loose tube
4	Strength Member	Steel wire
5	Sheath Options	Single PE Sheath
6	Armored	Corrugated Steel tape
7	Material of messenger	Stranded galvanized steel wire
8	Diameter of messenger	Nom.Φ3.0-7*1.0mm
9	Operating Temperature	-40℃ - 70℃
10	Compliances	In Accordance with IEC, ITU and EIA standards
11	Applications	Self-supporting Aerial Optic Fiber Cable

Fiber Transmission Performance

Cabled Optical fiber （dB/km）	OM1 (850nm/1300nm)	OM2 (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 (Remark: The above parameters are typical value; The cable spec can be designed according to customer's requirement.)

Fiber count	12	24	48	96	144
Tensile strength Short Term N	4000	4000	4000	4000	7000
Tensile strength Long Term N	1000	1000	1000	1000	2000
Crush Resistance Short Term N/100mm	1000	1000	1000	1000	1000
Crush Resistance Long Term N/100mm	300	300	300	300	300
Min. bending radius (Dynamic)	20D	20D	20D	20D	20D
Min. bending radius (Static)	10D	10D	10D	10D	10D
Cable diameter (mm)	9.0*16.4	9.0*16.4	9.5*16.9	11.6*19	12.6*22.2
Cable weight (kg/km)	Approx.150	Approx.150	Approx.163	Approx.212	Approx.336