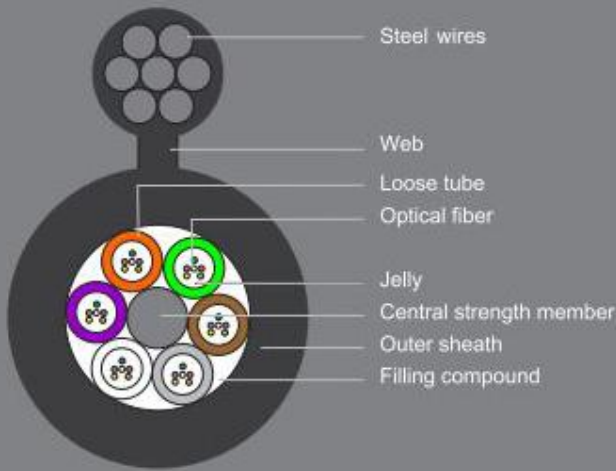


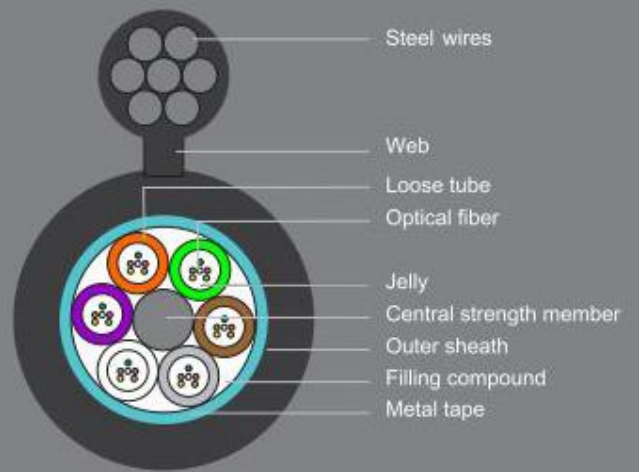


Figure 8
Self-supporting
Aerial
Optic Fiber Cable

S-Z Stranded Loose Tube(12-288 cores)

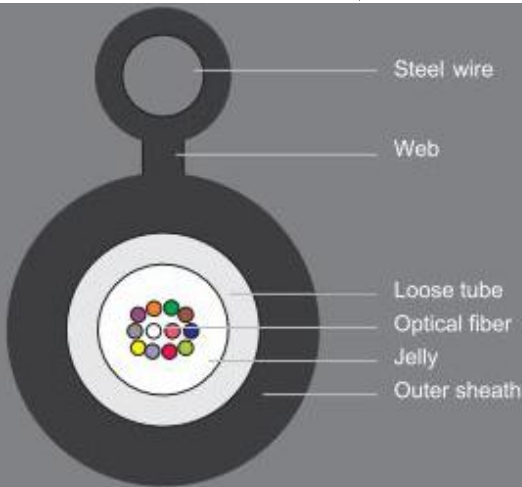


GYTC8Y(None Armored)

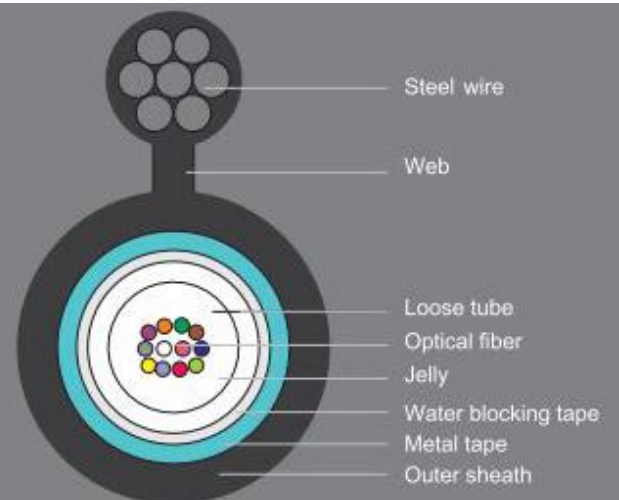


GYTC8A/GYTC8S(Al/St Armored)

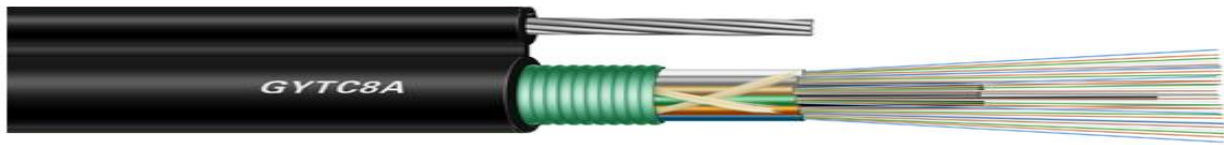
Central Loose Tube (12-24 cores)



GYXTC8Y(None Armored)



GYXYC8S(Corrugated St Armored)



General

- Fiber: Up to 288 fibers, Gel-filled
- Fiber types: Single Mode and Multimode
- Cable construction: Central Loose Tube or S-Z stranded Loose Tube
- Messenger Wire: Single or Stranded EHS wire
- Armor: None or Corrugated coated St/Al tape
- Sheath: Black UV- and moisture-resistant PE
- Operating Temperature: -40°C to +70°C

Application

- Self-supporting aerial
- Vertically in buildings as backbone cable

Features

- Gel-filled loose tube protects the fiber well
- Excellent mechanical and environment performance
- Good water resistance performance
- UV- and moisture-resistant design
- Self-supporting figure-8 design

Technically specifications

- Crush resistance:
Short term: 1000 N/10cm
Long term: 600N/10cm
- Minimum bending radius:
Dynamic:20D
Static:10D

Specification for Fiber Transmission Performance

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

Cable weight and diameter for different tensile strength

Model #	Max.Cores	Tensile Strength		dia.	weight	dia.	weight	dia.	weight
		short term	long term	mm*mm	kg/km	mm*mm	kg/km	mm*mm	kg/km
Stranded Loose Tube Types				GYTC8Y		GYTC8A		GYTC8S	
GYTC8-	30	3000	1000	8.6*16.4	133	9.1*16.9	142	9.1*16.9	156
GYTC8-	60	3000	1000	9.6*17.4	155	10.1*17.9	165	10.1*17.9	182
GYTC8-	30	4500	1500	8.6*17.0	155	9.1*17.5	164	9.1*17.5	178
GYTC8-	60	4500	1500	9.6*18.0	177	10.1*18.5	187	10.1*18.5	204
GYTC8-	30	7000	2000	8.6*18.2	213	9.1*18.7	222	9.1*18.7	236
GYTC8-	60	7000	2000	9.6*19.2	234	10.1*19.7	245	10.1*19.7	261
Central Loose Tube Types				GYXTC8Y		GYXTC8S		*Installation load should be lower than maximum rated cable load to allow for wind and ice loading *For other cores pls contact your sales representative.	
GYXTC8-	12	1000	300	5.1*10.2	47	-	-		
GYXTC8-	24	1000	300	5.7*10.8	54	-	-		
GYXTC8-	12	3000	1000	6.0*12.9	88	7.6*14.5	117		
GYXTC8-	24	3000	1000	6.6*13.5	95	8.5*15.4	128		
GYXTC8-	12	4500	1500	-	-	7.6*15.1	137		
GYXTC8-	24	4500	1500	-	-	8.5*16.0	148		