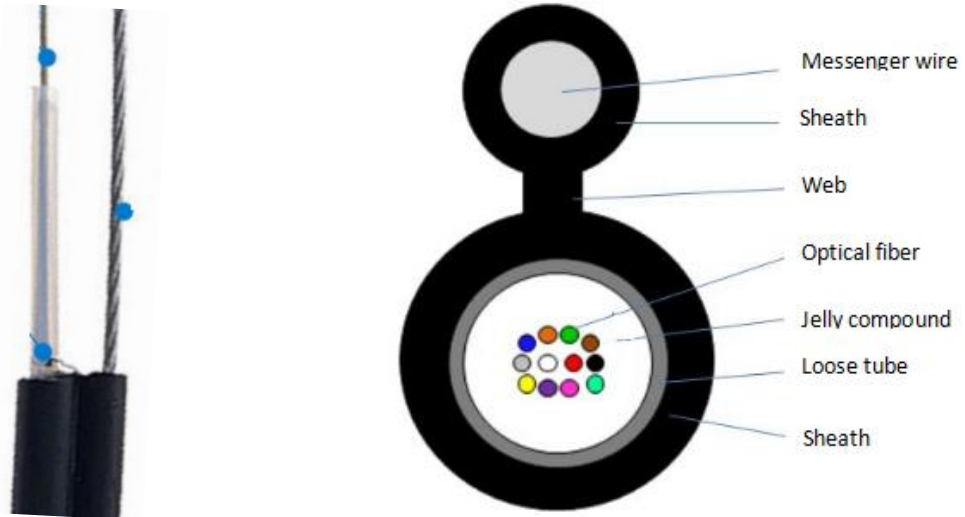


Figure 8 Self-Support Optical Fiber Cable GYXTC8Y

Structure:



Description:

GYXTC8Y cable is made of a single loose sleeve as the cable core, fiber, 250um. It is placed in a loose sleeve made of high modulus plastic and filled with waterproof compound. The loose sleeve is placed in the center of the cable, and water blocking paste or winding water blocking yarn is filled around the loose sleeve, and then combined with the steel strand or steel wire to form a figure 8 polyethylene sheath .

Characteristics:

- Optical cable and cable as a whole, can be a one-time overhead laying, saving construction costs and time
- Self-supporting structure has high tensile strength and is convenient for overhead laying
- Small size, light weight, good softness, easy to lay
- Simple design, excellent transmission performance, cost-effective
- Good mechanical and environmental properties
- The cable core prevents water comprehensively to ensure long-term stable use
- The design life span is over 25 years
- Application: self-supporting

Standards:

ADSS Cable complies with standard IEEE 1222-2004 as well as IEC60794-1

Optical Characteristics

		G.652.D	G.657A1	G.657A2	50/125um	62.5/125um
Attenuation	@850um				≤3.0dB/Km	≤3.0dB/Km
	@1300um				≤1.0dB/Km	≤1.0dB/Km
	@1310um	≤0.34dB/Km	≤0.35dB/Km	≤0.35dB/Km		
	@1383um	≤0.34dB/Km	≤0.35dB/Km	≤0.35dB/Km		
	@1550um	≤0.20dB/Km	≤0.21dB/Km	≤0.21dB/Km		
Bandwidth (Class A)	@850um				≥500MHz·Km	≥200MHz·Km
	@1300um				≥1000MHz·Km	≥600MHz·Km
Cable cut-off wavelength λ_{cc}		≤1260nm	≤1260nm	≤1260nm		

Technical Parameters					
Fiber Count	Cable Diameter(mm)	Cable Weight(Kg/Km)	Tensile Strength(MAT)(N)	Crush Resistance Long/Short term(N/100mm)	Bending Radius Static/Dynamic(mm)
6	4.0*7.5	27	500	500/1000	10D/20D
12	4.0*7.5	27	500	500/1000	10D/20D
24	4.8*9.0	36	700	500/1000	10D/20D

Storage/Operating Temperature: -40℃ to +70℃