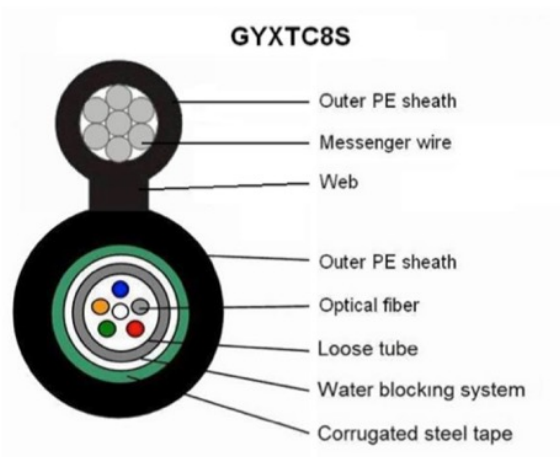


### Armored Aerial Cable Figure 8 Single Mode Fiber Optic



#### Product Description

1. Low dispersion and attenuation.
2. Proper design, precise control for fiber excess length and distinct stranding process render the cable excellent mechanical and environmental characteristics.
3. The armoring of corrugated steel tape makes cable have nice moisture resistance and crush resistance performance.
4. Small cable diameter, light cable weight, easily to install.
5. The sheath also can be made by LSZH, which cable type is GYXTC8S.
6. fiber optics/ Optic fiber cable/ fiber optics/ communication Optical fiber cable.



**Specification**

Attribute	Detail	Unit	Specification			
			SM G.652D	SM G.657A1	SM G.657 A2&B2	SM G.657B3
Attenuation Coefficient	at 1310nm	dB/km	≤ 0.40	≤ 0.40	≤ 0.40	≤ 0.40
	at 1550nm	dB/km	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.30
Chromatic Dispersion	at 1290nm ~ 1330nm	ps/nm.km	≤ 2.8	≤ 2.8	≤ 2.8	≤ 2.8
	at 1550 nm	ps/nm.km	≤ 18	≤ 18	≤ 18	≤ 18
Zero Dispersion Wavelength		nm	1300 ~ 1324	1300 ~ 1324	1300 ~ 1324	1300 ~ 1324
Zero Dispersion Slope		ps/nm <sup>2</sup> .km	≤ 0.095	≤ 0.095	≤ 0.095	≤ 0.095
PMD Coefficient		ps/√ km	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4
Cut-off Wavelength		nm	≤ 1260	≤ 1260	≤ 1260	≤ 1260
Mode Field Diameter at 1310nm		μm	9.2 ± 0.5	9.2 ± 0.5	9.2 ± 0.5	9.2 ± 0.5
Cladding Diameter		μm	125 ± 1	125 ± 1	125 ± 1	125 ± 1
Core/Clad concentricity error		μm	≤ 0.8	≤ 0.8	≤ 0.8	≤ 0.8
Cladding Non-circularity		%	≤ 1	≤ 1	≤ 1	≤ 1
Coating Diameter		μm	245 ± 15	245 ± 15	245 ± 15	245 ± 15

**Fiber and buffer colors (TIA/EIA 568)**

1–4 blue, orange, green, brown

5–8 grey, white, red, black

9–12 yellow, violet, pink, turquoise

**Optical Fiber Cable Type**

- OFC/FIG8-04C
- OFC/FIG8-08C
- OFC/FIG8-12C
- OFC/FIG8-24C
- OFC/FIG8-48C