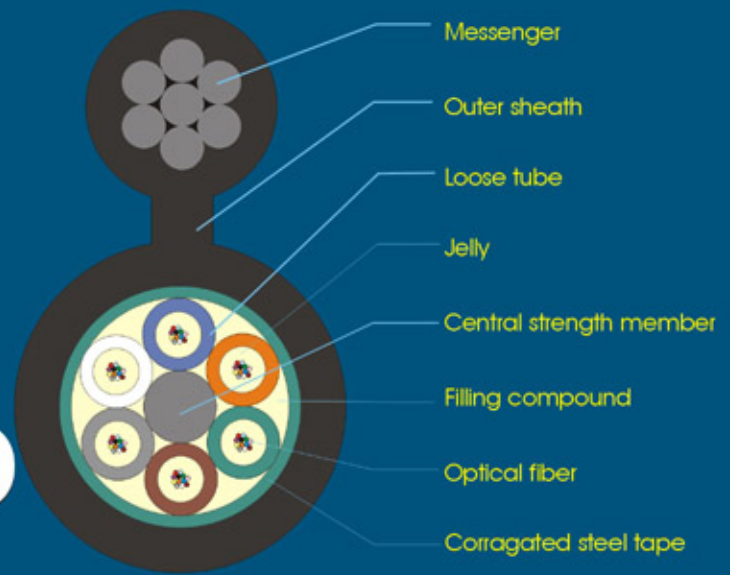


Aerial cable (III) Figure 8 cable



GYTC8S

Application:

The figure 8 cables are suitable for installation in aerial environment for long haul communication.

Features:

- Up to 144 fibers.
- The loose tube stranding technology make the fibers have good secondary excess length and allow the fibers free movement in the tube, which keeps the fiber stress-free while the cable is subjected to longitudinal stress.
- Corrugated steel tape armored and PE outer sheath providing property crush resistance and gun shot resistance features.
- Cross-section shows figure 8.
- Stranded wires as self supporting member providing excellent strain performance and convenient installation.



Technical data:

Fiber core	Stranded Wire	Cable diameter (mm)	Messenger cable Diameter (mm)	Cable Height (mm)	Cable weight (kg/km)	Min. bend radius		Max. Running tension (N)	Safe running tension (N)	Min. Breaking tension (N)	Max. crush loading (N/100mm)	
						Dynamic	Static				Short term	long term
2-30	1×7-3.0	10.10	5.2	18.3	148	10times cable diameter	20times cable diameter	4950	2500	7990	2000	1000
32-36		11.10		19.3	172							
38-60		11.90		20.2	177							
62-72		12.40		20.6	197							
74-96		14.10		22.3	242							
2-30	1.2×7-3.6	10.10	5.8	18.9	151							
32-36		11.10		19.9	175							
38-60		11.90		20.8	180							
62-72		12.40		21.2	200							
74-96		14.10		22.9	245							
2-30	1.4×7-4.2	10.10	6.4	19.5	154							
32-36		11.10		20.5	178							
38-60		11.90		21.4	183							
62-72		12.40		21.8	203							
74-96		14.10		23.5	248							
2-30	2.0×7-6.0	10.10	8.2	21.3	161							
32-36		11.10		22.3	185							
38-60		11.90		23.2	190							
62-72		12.40		23.6	210							
74-96		14.10		24.3	253							