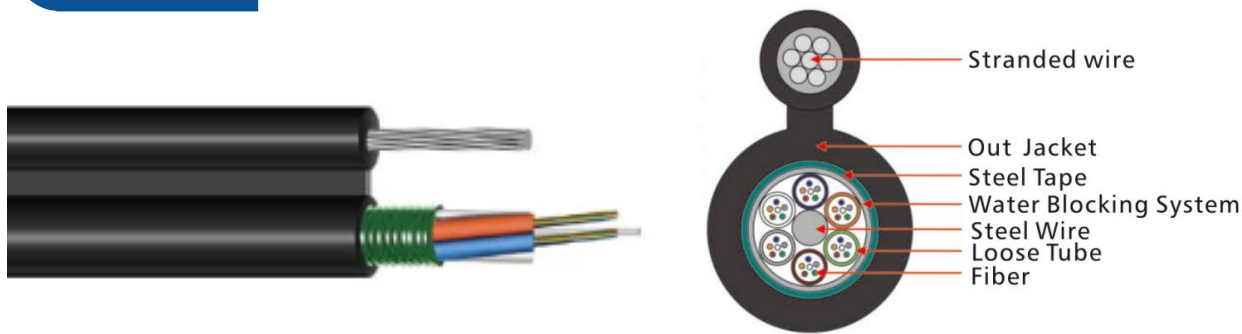


OUTDOOR

GYTC8S Outdoor Fiber Cable



Description:

YY Optic GYTC8S Fiber Optic Cable (Aerial and FTTH) Armor Stranded Loose Tube Steel Wire Strength Waterproof Figure 8 Self Supporting Outdoor GYTC8S cable, single-mode/multimode fibers are positioned in the loose tubes, which are made of high modulus plastic, while the loose tubes strand together around metallic central strength member into a compact and circular cable core, and the water-blocking materials are distributed into interstices of it. After a PSP moisture barrier is applied around the cable core, this part of cable accompanied with the stranded wires as the supporting part are completed with a PE sheath to be a figure-8 structure.

Application:

- This kind of cable is specifically used for self supporting aerial installation
- Suitable for long-distance communication and inter-office communication

Advantages:

- Optical fiber transmission loss is small and dispersion is low.
- Reasonable design and precise control of the excess length of the optical fiber in the loose tube make the optical cable have excellent mechanical properties and environmental performance.
- The optical cable has a compact structure and adopts the SZ layer twisted structure to ensure that the optical fiber is not under stress in the harsh environment of the optical cable.
- The outside of the strength member and the inside of the cable core are filled with water-blocking cable paste, which ensures the moisture-proof and water-blocking effect of the optical cable.
- The steel tape longitudinal cladding core makes the optical cable have better moisture-proof effect and bulletproof ability.
- Steel strands are used as self-supporting parts to meet extremely high tensile strength

Technician Parameter:

Fiber count	OD of Internal Tube (mm)	Max. in internal tube	Number of internal tube	OD of FRP (mm)	OD of Cable (mm) (L×H)	Weight Kg/km	Tensile Strength(N)		Crush Resistance (N/100mm)	
							Short	Long	Short	Long
2~36	1.8	6	6	1.8	10.1×18.5	212	6000	4000	1000	800
38~72	2.5	12	6	2.5	12.4×20.9	280	6000	4000	1000	800

Technician Parameter:

Fiber count	OD of Internal Tube	Max. in internal tube	Number of internal tube	OD of FRP (mm)	OD of Cable (mm)	Weight	Tensile Strength(N)		Crush Resistance (N/100mm)	
	(mm)				(L×H)		Kg/km	Short	Long	Short
74~84	2.5	12	7	3.4(1.8)	13.4×22.4	313	6000	4000	1000	800
86~96	2.5	12	8	4.1(1.8)	14.1×23.2	335	6000	4000	1000	800
98~108	2.5	12	9	5.0(1.8)	15.0×24.0	357	6000	4000	1000	800
110~120	2.5	12	10	5.7(1.8)	15.8×24.7	377	6000	4000	1000	800
122~132	2.5	12	11	6.5(1.8)	16.6×25.5	409	6000	4000	1000	800
132~144	2.5	12	12	7.3(1.8)	17.4×26.3	433	6000	4000	1000	800
146~192	2.5	12	16	1.8	16.9×25.8	412	6000	4000	1000	800
194~216	2.5	12	18	2.5	17.6×26.6	447	6000	4000	1000	800
218~288	2.5	12	24	4.9(2.2)	20.0×29.0	531	6000	4000	1000	800