

Stranded Loose Tube Double Sheath Optical Fiber Cable GYFTY53 / GYTY53 (2-432 cores)

Application

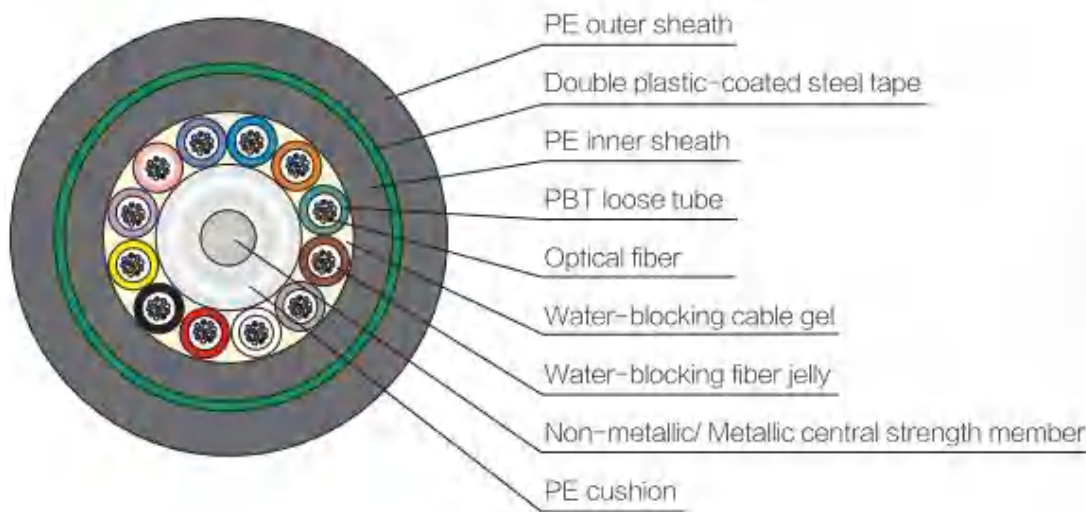
In the GYTY53 cable, single-mode/multimode fibers are positioned in the loose tubes, the tubes are filled with water blocking filling compound. Tubes and fillers are stranded around the strength member into a circular cable core. Then the cable is completed with a PE sheath. Which is filled with the filling compound to protect it. After PSP is applied over the inner sheath, the cable is completed with a PE outer sheath.

Installation : Direct-burial.

Structural features: Non- metallic (FRP)/ Metallic (phosphated steel wire) central strength member, PE inner sheath, double plastic-coated corrugated steel tape-PE bonded outer sheath.

Performance characteristics: Double protective layers provide excellent crush resistance and effective rodents prevention.

Application: Long-haul communication, interoffice communication, especially suitable for application with high requirements of mechanical strength and anti-rodent.



Characteristics

Excellent mechanical and temperature performance

The following measures are taken to ensure the water blocking performance of the cable:

Single steel wire used as the central strength Member

Special water-blocking filling compound in the loose tube

100% cable core filling,APL and PSP moisture barrier

Technical parameters

Fiber count	Cable O.D (mm)	Cable weight (kg/km)	Minimum bending radius		Tension allowed(N)		Crush resistance(N)	
			Static	Dynamic	Short term	Long term	Short term	Long term
2-36	12.6	185	12.5 times O.D	25 times O.D	3000	1000	3000	1000
38-60	13.4	200						
62-72	13.9	230						
74-96	15.5	275						
98-120	17	320						
122-144	18.4	365						
146-216	18.9	385						
218-240	22.1	395						
242-288	24.3	580						

290-432	22.1	435						
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