Stranded Loose Tube Non-Metallic Optical Fiber Cable GYFTY (2-288cores)

Application

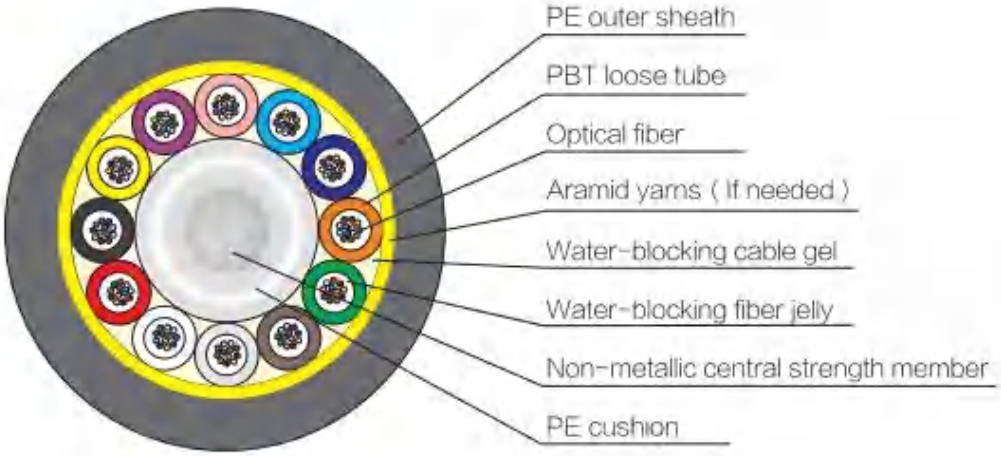
Stranded Loose Tube Non-Metallic Optical Fiber Cable GYFTY (2-288cores) non-armored loose tube fiber optic cable that comes with a Fiberglass Reinforced Plastic (FRP) central strength member which can contain up to a maximum of up to 24 water-blocking gel-filled tubes. Each tube can contain up to a maximum of 12 fibers. This cable comes with a layer of water blocking tape to prevent water penetration and PE outer jacket.

Installation: Strong electrical areas, aerial.

Structural features: Non-metallic strength member, may be reinforced with peripheral strength member like fiberglass or aramid yams, PE outer sheath.

Performance characteristics: Non-metallic design, excellent performance of anti-electromagnetic, thunder and lightning-proof, electrostatic prevention.

Application: Long-haul communication, interoffice communication, especially applicable for electric power system, thunder and lightning and electromagnetic interference stricken area.



Main Feature

1. Suitable for use on distribution and high voltage transmission lines with mini spans or self-supporting installation for telecommunication ；
2. Track -Resistant outer jacket available for the high voltage；
3. Line where space potentials up to 35KV；
4. Gel-Filled buffer tubes are S-Z stranded；
5. Instead of Aramid yarn or glass yarn,there is no support or messenger wire required. Aramid yarn is used as the strength member to assure the tensile and strain performance for mini span (usually below 150meters)；
6. The fiber counts from 2-288 fibers.

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	10.4	90	10 times O.D	20 times O.D	1500	600	1000	300
38-60	11.2	105						
62-72	11.7	115						
74-96	13.4	150						
98-120	15	190						
122-144	16.6	230						
146-216	16.9	240						

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218-240	19.3	305						
242-288	21.5	375						

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