

WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

GYFTY

Hangzhou Lin'an Wanlong Cable Co., Ltd

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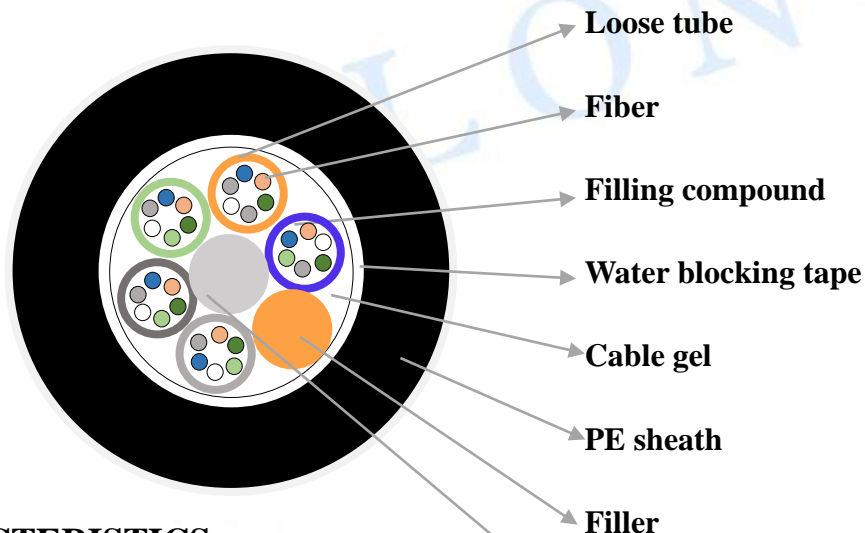
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PRODUCT DESCRIPTION:

The fibers, either of single-mode or multimode type, are placed in a loose tube made of high modulus plastic. The tubes are filled with a water-resistant filling compound, a piece of fiber reinforced plastic (FRP) locates in the center of core as a non-metallic strength member. The tubes and fillers are stranded around the strength member into a compact and circular cable core. The cable is completed with a polyethylene (PE) sheath.



CHARACTERISTICS:

- Accurate fiber excess length ensures good mechanical and temperature performance.
- High strength loose tube that is hydrolysis resistant and special tube filling compound ensure a critical protection of fiber; specially designed compact structure is good at preventing loose tubes from shrinking.
- Crush resistance and flexibility.
- PE sheath protects cable from ultraviolet radiation.
- The following measures are taken to ensure the cable watertight:
 - Single fiber reinforced plastic as the central strength member;
 - Loose tube filling compound;
 - 100% cable core filling.

Bending Radius	Static 10xD	Dynamic 20xD
Storage/Operating Temperature	-40°C~+60°C	

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Cable Type increased by 2 fibers	GYFTY 4-30 Cores	GYFTY 4-36 Cores	GYFTY 32-60 Cores	GYFTY 32-72 Cores	GYFTY 74-96 Cores	GYFTY 98-120 Cores	GYFTY 122-144 Cores	GYFTY 146-216 Cores
Fiber Count	4-30	4-36	32-60	32-72	74-96	98-120	122-144	146-216
Tubes+Filler	5	6	5	6	8	10	12	6/12
Max No. of fibers in Tube	6	6	12	12	12	12	12	6/12
Cable Diameter(mm)	9.6-	10.2-	10.6-	11-	12.5-	13.8-	15.4-	16-
Cable Weight (kg/km)	75-	85-	90-	95-	110-	140-	190-	190-
Tensile Strength Long/Short Term(N)	600/1500	600/1500	600/1500	600/1500	600/1500	600/1500	600/1500	600/1500
Crush Resistance Long/Short Term(N/100mm)	300/1000	300/1000	300/1000	300/1000	300/1000	300/1000	300/1000	300/1000