

# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## GYTS

Hangzhou Lin'an Wanlong Cable Co., Ltd

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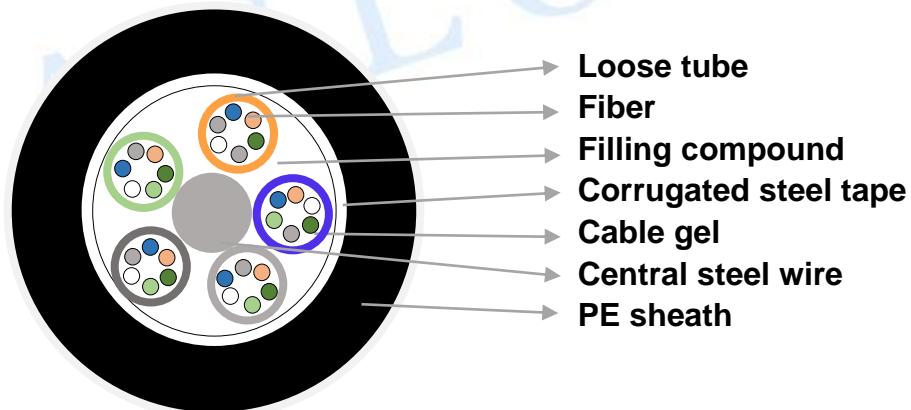
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### PRODUCT DESCRIPTION:

The fibers, either of single-mode or multimode type, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (and fillers) are stranded around the strength member into a compact and circular cable core. The PSP is longitudinally applied over the cable core which is filled with the filling compound to protect it from water ingress. The cable is completed with a 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:
  - Steel wire used as the central strength member;
  - Loose tube filling compound;
  - 100% cable core filling;
  - Corrugated steel tape enhancing moisture proof.

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

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Cable Type increased by 2 fibers	GYTS 4-30 Cores	GYTS 4-36 Cores	GYTS 32-60 Cores	GYTS 32-72 Cores	GYTS 74-96 Cores	GYTS 32-60 Cores	GYTS 32-72 Cores	GYTS 74-96 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-	10.6-	10.6-	11-	12.5-	13.8-	15.6-	15.6-
Cable Weight(kg/km)	100-	120-	120-	130-	180-	210-	260-	260-
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