

# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## GYTA

Hangzhou Lin'an Wanlong Cable Co., Ltd

317 Jintian Road, Lin'an, Hangzhou, China 311300

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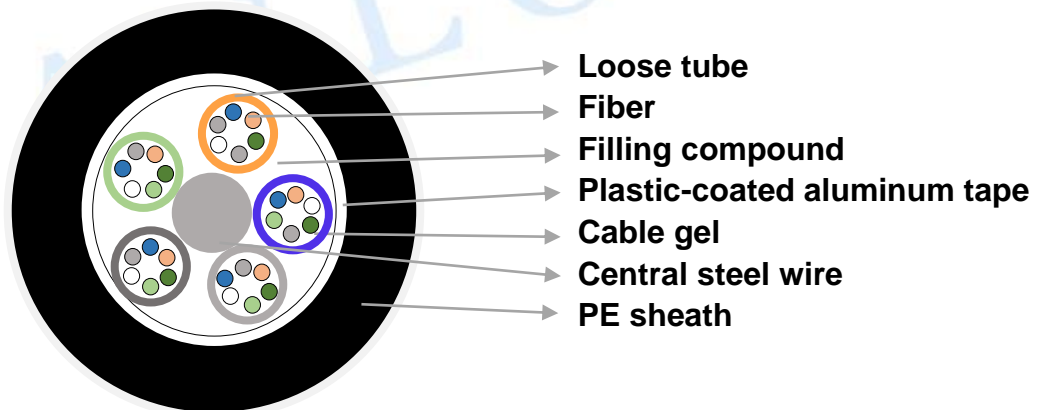
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### PRODUCT DESCRIPTION:

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. An Aluminum Polyethylene Laminate (APL) is applied around the cable core, which is filled with the filling compound to protect it from water-ingress. Then, the cable is completed with a PE sheath.



### CHARACTERISTICS:

- 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.
- 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;
  - Plastic-coated aluminum tape moisture barrier.

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

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Cable Type increased by 2 fibers	GYTA 4-30 Cores	GYTA 4-36 Cores	GYTA 32-60 Cores	GYTA 32-72 Cores	GYTA 74-96 Cores	GYTA 32-60 Cores	GYTA 32-72 Cores	GYTA 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)	90-	110-	110-	120-	150-	170-	230-	230-
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