

# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## GYTC8S

Hangzhou Lin'an Wanlong Cable Co., Ltd

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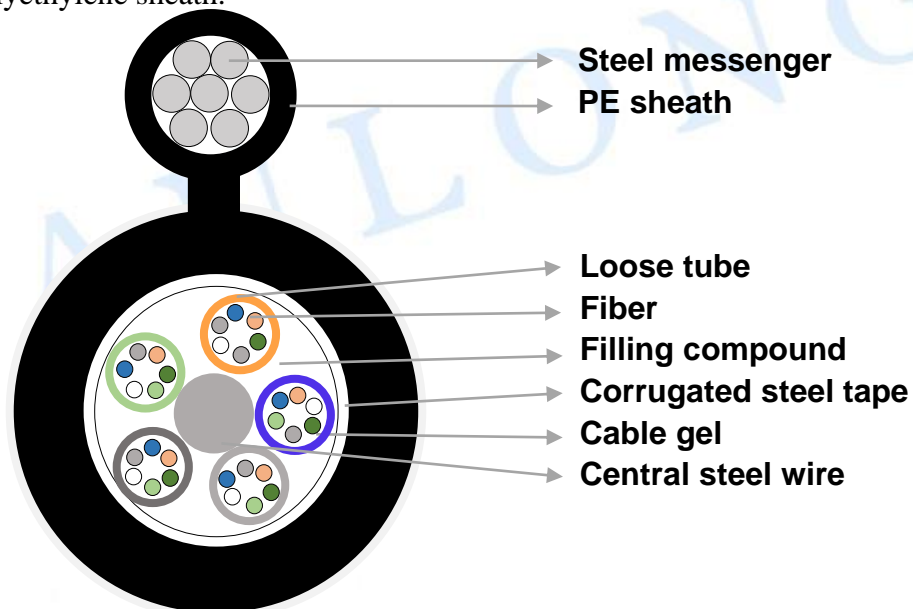
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### PRODUCT DESCRIPTION:

The fibers, 250 $\mu$ m, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. The loose tubes with smaller size are stranded to form a cable core. The cable core is longitudinally wrapped with a layer of plastic-coated aluminum tape (APL) and integrated with a steel wire strand in a figure 8 polyethylene 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.
- 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;
  - PSP enhancing moisture-proof.

Bending Radius  
Storage/Operating Temperature

Static 10xD    Dynamic 20xD  
-40°C~+60°C

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	GYTC8S	GYTC8S	GYTC8S	GYTC8S	GYTC8S	GYTC8S	GYTC8S	GYTC8S
Cable Type increased by 2 fibers	4-30 Cores	4-36 Cores	32-60 Cores	32-72 Cores	74-96 Cores	32-60 Cores	32-72 Cores	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-	16-
Cable Weight(kg/km)	160-	180-	180-	190-	240-	270-	310-	320-
Tensile Strength Long/Short Term(N)	3000/8000	3000/8000	3000/8000	3000/8000	3000/8000	3000/8000	3000/8000	3000/8000
Crush Resistance Long/Short Term(N/100mm)	300/1000	300/1000	300/1000	300/1000	300/1000	300/1000	300/1000	300/1000