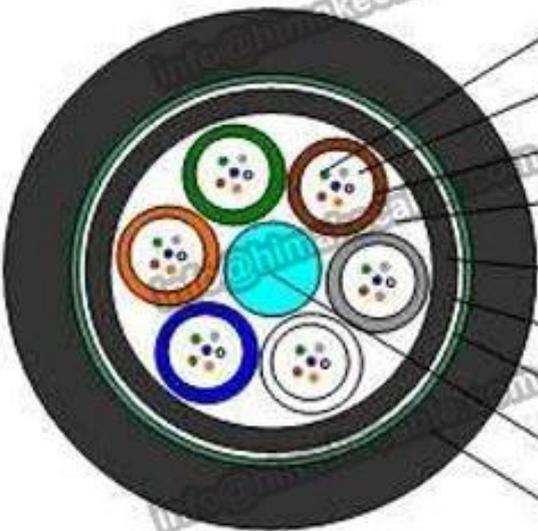


## Product Description



The diagram shows a cross-section of a cable with the following components labeled:

光纤	Fiber
套管填充物	Tube filling compound
松套管	Loose tube
缆芯填充物	Cable filling compound
聚乙烯内护套	PE inner sheath
阻水材料	Water-blocking material
涂塑钢带	PSP
聚乙烯外护套	PE outer sheath
中心加强芯	Central strength member

At the bottom of the diagram area, there are several certification logos: CCC, CE, SAA, UL, CB, a heart-shaped logo, and R&HS. To the right, the website [www.himakecable.com](http://www.himakecable.com) and email [info@himakecable.com](mailto:info@himakecable.com) are listed.

The fibers, 250um, 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 PE for cable with high fiber count, locates in the center of core as a metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular core. Then the cable core is covered with a thin PE inner sheath, which is filled with jelly to protect it from water ingress. A layer of water-blocking material is applied around the cable core to prevent water ingress all the same. after a corrugated steel tape armor is applied, the cable is completed with a PE outer sheath.

Standard: YD/T 1155-2001, IEC60794-1

## Product characteristics

1. 2~228 fibers, jelly filled, fiber contained loose tube

2. Good mechanical and environmental performance
3. High strength loose tube that is hydrolysis resistant
4. Special tube filling compound ensure a critical protection of fiber
5. Crush resistance and flexibility.
6. Double sheath and double armors providing excellent anti-crush and rodent-proof properties
7. Good cable watertight.
8. Storage/Operating temperature: -40°C to +70°C

## Product application

Laying modes: direct-burial

Suitable for Long-distance telecom, LAN, high durable product and rodent-proof

## Product parameter (more details please email us: [info@himakecable.com](mailto:info@himakecable.com))

Fiber count	Cable O.D. (mm)	Cable net weight (Kg/km)	Min. bending radius (mm)		Allowable tension (N)		Max. crush loading force (N/1000mm)	
			Static state	Dynamic state	Short term	Long term	Short term	Long term
2-24	12.6	185	12.5D	25D	3000	1000	3000	1000
26-36	12.9	195	12.5D	25D	3000	1000	3000	1000
38-60	13.4	200	12.5D	25D	3000	1000	3000	1000
62-72	13.9	230	12.5D	25D	3000	1000	3000	1000
74-96	15.5	275	12.5D	25D	3000	1000	3000	1000
98-120	17.0	320	12.5D	25D	3000	1000	3000	1000

## Product Advantages

1. The conductor is made of Top quality optical fibers, it has Low dispersion and attenuation, ensuring a very good signal and data transmission ability.



**Brand new material**

- > Smooth
- > Anti-UV
- > Long-life

**High Quality Fiber**

- > Fast
- > Long and stability transmission
- > Low Attenuation.



**High Quality PBT Loose Tube Material**

- > Anti-aging
- > Good Protection

# ADVANCED PRODUCTION EQUIPMENT

Advanced Production Equipments can guarantee qualified product.



## Optic Fiber Cable Testing

- Fiber Testing
- Testing after fiber coloring
- Testing after fiber stranding
- Testing after fiber optic cable jacketing



## APPLICATION



✓ Pipeline



✓ Overhead



✓ Direct bury

### Packaging & Shipping

## PACKING AND SHIPPING



- Each single length of cable shall be reeled on wooden Drum suitable for long-distance shipment.