

Product Description



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)

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.