

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. 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.

Standard: YD/T 901-2001, IEC60794-1

Product characteristics:

1. 2~228 fibers, jelly filled, fiber contained central loose tube
2. Good mechanical and temperature performance
3. High strength loose tube that is hydrolysis resistant
4. Special tube filling compound ensure a critical protection of fiber
5. Specially designed compact structure is good at preventing loose tubes from shrinking
6. Crush resistance and flexibility
7. PE sheath protects cable from ultraviolet radiation
8. the cable good watertight

Product application:



Laying modes: Aerial & Conduit

Rural communication, local trunk line, CATV & computer networks system

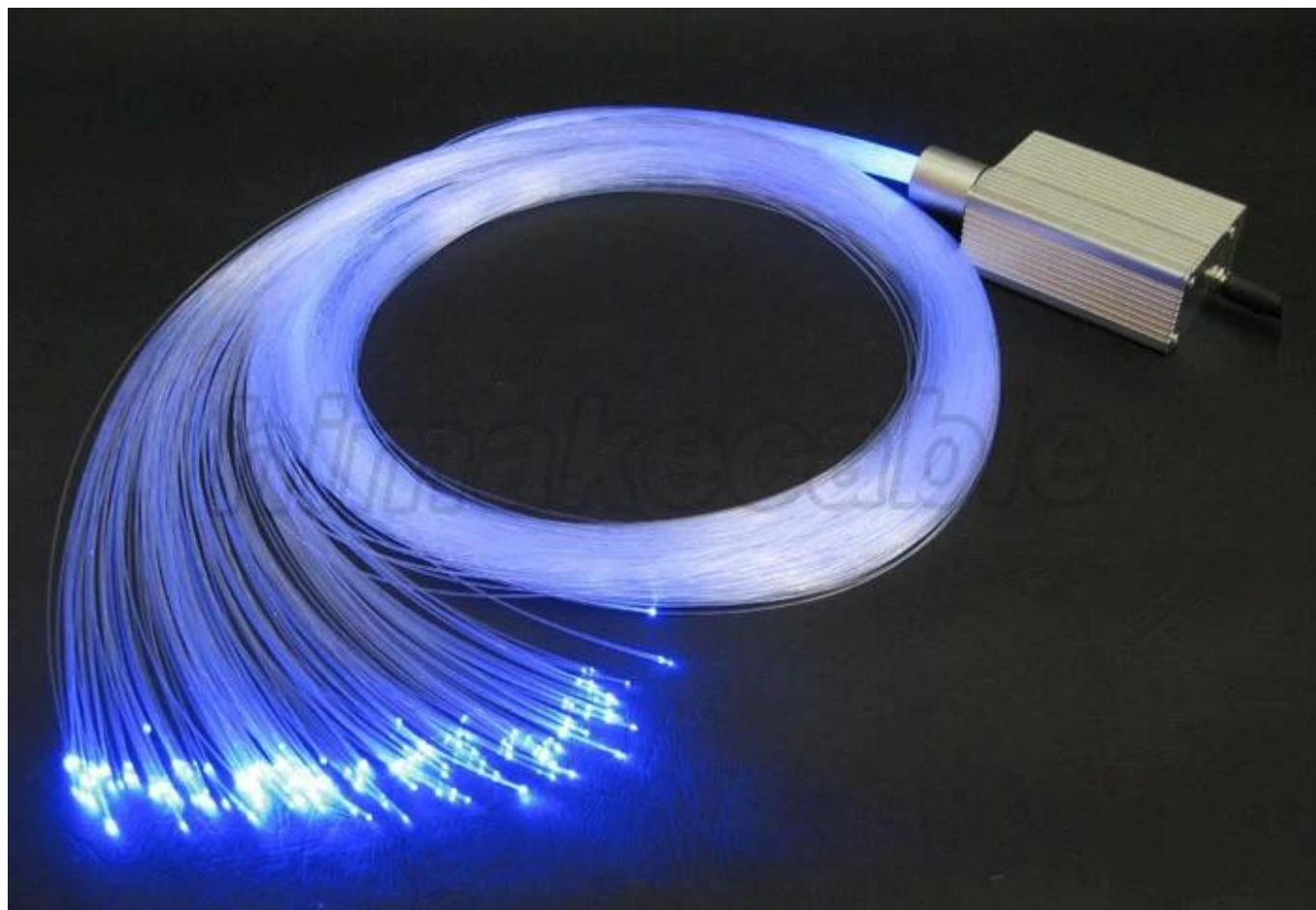
Long distance communication and LAN, even the places with requirement of moisture-proof and rodent-proof

Product parameter: (more details please email us: info@himakecable.com)

Fiber count	Cable dia. (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
2-30	9.8	95	10D	20D	1500	600	1000	300
32-36	10.3	115	10D	20D	1500	600	1000	300
38-60	10.7	115	10D	20D	1500	600	1000	300
62-72	11.3	140	10D	20D	1500	600	1000	300
74-96	12.9	175	10D	20D	1500	600	1000	300

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**

Fiber Optic Cable Production Process

- Fiber Testing
- Fiber Coloring based on Fiber Color Identification
- Fiber coating
- Fiber tubes stranding with center strength member
- Fiber cable jacketing outer sheath together with armored material
- Finished fiber optic cable reeled in fumigated wooden drum

1 Fiber Material Test



2 Fiber Coloring



3 Fiber Jacket



4 Fiber Stranding



5 Cable Jacketing



6 Package



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.

How to contact us?

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