

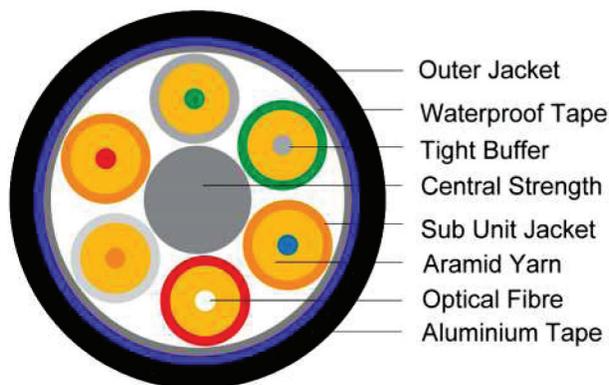
➤ Fiber Optic Waterproof Pigtail

Fiber Optic Waterproof Pigtail, which uses single-core cable as the basic component, is a special indoor cable. Optical waterproof cable pigtail is twisted around the non-metallic central strength member in clockwise direction, water-block yarns outside, steel or aluminum tape used as armored layer, and proper material jacket. The waterproof fiber optic cables are with strong PE jacket and armored structure, they can resist high temperature and suit to use in harsh environment. This kind of cable is usually used as pigtails in interconnect line of equipment, and used as interconnect lines in different buildings.

We produce the fiber optic waterproof pigtails strictly according to IEC and EIA/TIA standards, the products feature low insertion loss, high return loss, good interchangeability and repeat push-pull performance, which make them easy to use.

Standards Compliance

Compliant with RoHS, IEC 874-14, TIA/EIA-568-B.3 and ISO/IEC 11801, IEC-61754-7, TIA-604-5



Features:

- 2, 4, 6, 8 and 12 cores are available.
- Single mode or Multimode optional.
- Various kinds of connect interfaces optional such as LC, SC, FC, ST, MTRJ, MU, E2000, etc.
- Good mechanical and environmental characteristics.
- Waterproof wrapped excellent performance suit for outdoor and harsh environment.
- Flame retardant, meet the requirement of relevant standards.
- Easy to splice and convenient laying.
- Low insertion loss, high return loss, excellent exchangeability, high stability.

Specifications:

Item	Description					
Fiber Type	SM Fiber : G652D,G657A. MM fiber : OM1,OM2,OM3 and OM4. or another types of fiber					
Jacket Material	PE (Polyethylene), or other contracted material					
Fiber Count (core)	2	4	6	8	10	12
Outer Diameter (mm)	8.7	8.7	10	11.7	13.3	15
Cable Weight (kg.km)	54	60	81	108	134	183
Fiber Color	12 different colors according to the chromatogram					
Max. Tension (N)	Short Term	1500				
	Long Term	600				
Max. Crushing Resistance (N/100)	Short Term	1000				
	Long Term	500				
Min. Bend Radius (mm)	Dynamic	20D (D is the outer diameter of the cable)				
	Static	10D				
Temperature (°C)	Storage	-20 ~ 60				
	Temperature	-20 ~ 60				

Note:

1. The cable dimensions and weight are in accordance with the tight buffer fiber of 2.0mm outer diameter
2. The Min. Bend radius (static) is 5D when G.657 fiber is used
3. Fiber Cable customize available

Ordering Guide

AA	BB	C	D	E
connector Type	connector Type	Fiber Type	Length	Jacket Color(CL)
FP,SP,SA,LP (As noted in Connector type code chart)	FP,SP,SA,LP (As noted in Connector type code chart)	OM1=62.5/125 OM1 OM2=50/125 OM2 OM3=50/125 OM3 OM4=50/125 OM4 G652D=9/125 G652D G657A=9/125 G657A	005=5M 020=20M 100=100M	As noted in Color code chart

Ordering Information

ITEM	SM 9/125	MM 62.5/125 (OM-1)	MM 50/125 (OM-2)	MM 50/125 (OM-3)	MM 50/125 (OM-4)
1	011-SCSC-SM-010	011-SCSC-OM1-010	011-SCSC-OM1-010	011-SCSC-OM1-010	011-SCSC-OM1-010
2	011-SCSC-SM-020	011-SCSC-OM1-020	011-SCSC-OM1-020	011-SCSC-OM1-020	011-SCSC-OM1-020
3	011-SCSC-SM-030	011-SCSC-OM1-030	011-SCSC-OM1-030	011-SCSC-OM1-030	011-SCSC-OM1-030
4	011-SCSC-SM-050	011-SCSC-OM1-050	011-SCSC-OM1-050	011-SCSC-OM1-050	011-SCSC-OM1-050