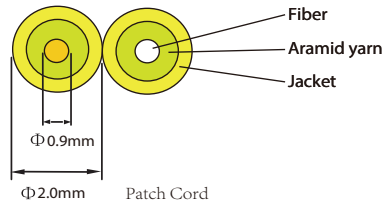
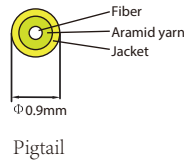


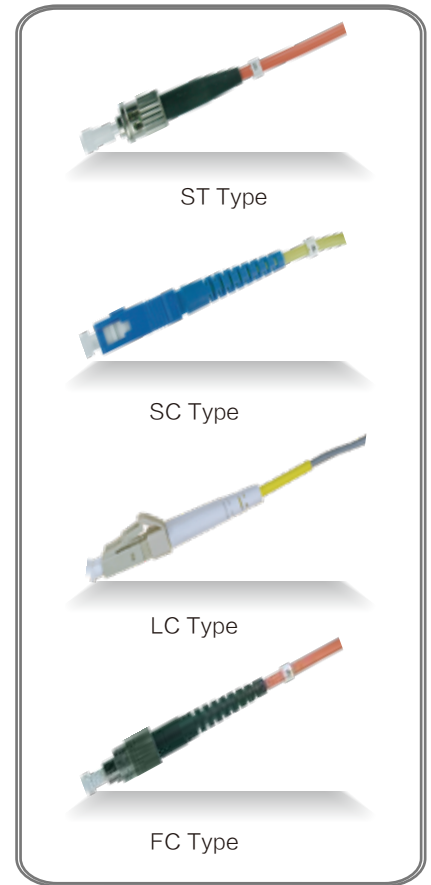
## Product advantage

- Comply with ANSI/TIA 568.3-D, TIA/EIA 568-B.3, ISO/IEC 11801 2nd amendment standards.
- Provide Basecap (62.5/125 μm), HiCap(50/125 μm), MaxCap 300 (50/125 μm OM3), MaxCap 550 (50/125 μm OM4) and teracap (9/125 μm), TeraSafe (9/125 μm ITU-T G.657-A), TeraSafe Plus(9/125 μm ITU-T G.657-B) and other products.
- Precision ceramic plating zirconia ferrule design, convex lens grinding polishing, low loss, suitable for LAN/WAN and CATV/CCTV applications.
- Support 10/100Base F, 1000Base SX/LX, FDDI, ATM, FTTx and other network applications.
- ST, SC, FC, LC and other connectors can be provided according to the needs of equipment interfaces.
- Provide digital identification ring or color sheath to distinguish between receiving end and sending end.
- Operating temperature range: -20 °C ~+70 °C.
- Comply with ROHS 2011/65/EU environmental protection standards.



## Meet the standards

- TIA/EIA 568-B.3
- ANSI/TIA 568.3-D
- ISO/IEC 11801 2<sup>nd</sup> Edition
- IEC 874-10



## Optical characteristics

Fiber Characteristics	Conditions	Value				
		SM (G657.A2)	OM 1	OM2-MMF	OM3-BIMMF	OM4-BIMMF
Attenuation	850nm	-	2.7dB	2.4 dB	2.4 dB	2.4 dB
	1300nm	-	0.6 dB	0.6 dB	0.6 dB	0.6 dB
	1300nm/1550nm	0.35dB/0.21dB	-	-	-	-
Out Jacket color	-	Yellow	Orange	Orange	Aqua	Aqua
Out Jacket Material	-	PVC/OFNR				
Operating temperature	-	-20°C to +70°C				

OS2 Fiber Standard Compliance: ITU-T G.657.A2 ; ANSI/TIA 492 CAAC & IEC 60793-2-50 class B-652.D (formerB1.3)/B-657.A2 (formerB6\_a2);

OM2 Fiber Standard Compliance: ANSI/TIA 492AAAF A1-OM2 (former 492AAAB) & IEC 60793-2-10 category A1-OM2b (former A1a.1b);

OM3 Fiber Standard Compliance: ANSI/TIA 492AAAF A1-OM3 (former 492AAAC-A) & IEC 60793-2-10 category A1-OM3b (former A1a.2b);

OM4 Fiber Standard Compliance: ANSI/TIA 492AAAF A1-OM4 (former 492AAAD) & IEC 60793-2-10 category A1-OM4b (former A1a.3b);

OM5 Fiber Standard Compliance: ANSI/TIA 492AAAF A1-OM5 (former 492AAAE) & IEC 60793-2-10 category A1-OM5b (former A1a.4b).

Cable Type	OD. (mm)	Bending Radius (mm)		Tensile strength(N)		Crush	
		Dynamic	Static	Short-term	Long-term	Short-term	Long-term
Simplex	2.0	20D	10D	100	60	500	100
Duplex	2.0*4.1			200	100	1000	300

Item	Reference	Spec.	Pass rate
Insertion Loss	IEC61300-3-4 method B	< 0.3dB	100%
Return Loss	IEC61300-3-6	UPC: SM >55dB, MM >35dB; APC >65dB	100%
Endface	IEC61300-3-35	Endface A except dust or liquid 5% should be accept	95%