



**Applications :**

- CATV
- Telecommunication networks
- Active device termination
- Metro
- Local Area Networks (LANs)
- Data processing network
- Test equipment
- Premise installations
- Wide Area Networks (WANs)
- FTTX

**Features :**

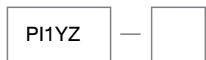
- Low insertion loss and back reflection loss
- Good exchangeability
- Good durability
- High temperature stability
- Standard : Telcordia GR-326-CORE, ITU-T

**Availability :**

- Pigtail available
- Various boot (Cable) size available

**Specifications :**

Parameter	Singlemode	Multimode
Insertion Loss	UPC $\leq$ 0.2 dB, APC $\leq$ 0.3 dB	$\leq$ 0.3 dB
Return Loss	UPC $\geq$ 50 dB, APC $\geq$ 60 dB	N/A
Fiber Type	G.652D, G.655, G.657A2, G.657B3	OM1, OM2, OM3, OM4, OM5
Fiber Core/Cladding	9/125 $\mu$ m	62.5/125 $\mu$ m, 50/125 $\mu$ m
Polishing Grade	UPC, APC	UPC
Wavelength	1310/1550 nm	850/1310 nm
Repeatability	$\leq$ 0.1 dB	
Durability	$\leq$ 0.2 dB typical change, 500 matings	
Interchangeability	$\leq$ 0.2 dB	
Tensile Strength	$>$ 10 kg	
Cable Diameter	0.9, 2.0, 2.4, 3.0 mm	
Cable Jacket	PVC, LSZH (Low Smoke Zero Halogen)	
Operation Temperature	-40 to +75 °C	



Cable Diameter,  
0.9 = 0.9 mm, 1.8 = 1.8 mm, 2 = 2.0 mm, 3 = 3.0 mm, 3.5 = 3.5 mm  
Cable Length,  
Length Unit, C = Centimeter, M = Meter Ex. C15 = 15 cm., M20 = 20 m.

Patch Cord, 1 = FC Connector Type, Y = Polishing Type Code, Z = Fiber Type  
Polishing Type Code, U = UPC Polishing, A = APC  
U = UPC, A = APC  
Fiber Type, 1 = MM OM1, 2 = MM OM2, 3 = MM OM3, 4 = MM OM4, 5 = SM G.652D, 6 = SM G.657A2

**Ordering Information :**

P/N	Descriptions
PI1U5-2M1.5	Pigtail FC SM SX2 LS 1.5M
PI1U6-2M1.5	Pigtail FC SM G657A2 SX2 LS 1.5M
PI1U6-0.9M1.5	Pigtail FC SM G657A2 SX 0.9 LS 1.5M
PI1A6-2M1.5	Pigtail FCA SM G657A2 SX2 LS 1.5M
PI1U2-2M1.5	Pigtail FC MM OM2 SX2 LS 1.5M
PI1U3-2M1.5	Pigtail FC MM OM3 SX2 LS 1.5M

Connector Type FC = FC UPC, FCA = FC APC, Cable Type SM = Singlemode Fiber, MM = Multimode Fiber  
SX2 = Simplex 2.0 mm. Cable, SX3 = Simplex 3.0 mm. Cable, SX 0.9 = Simplex 0.9 mm. Cable, LSZH = Low Smoke Zero Halogen