



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 :

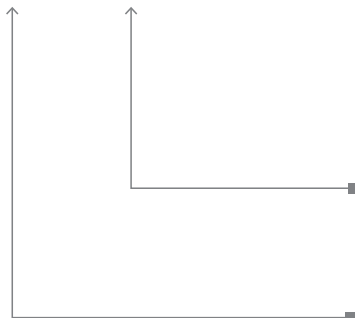
- Low insertion loss and back reflection loss
- Good exchangeability
- Good durability
- High temperature stability
- Standard : Telcordia GR-326-CORE, ITU-T

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 μ m | 62.5/125 μ m, 50/125 μ 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, 4 = LC 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 |
|---------------|-------------------------------------|
| PI4U5-2M1.5 | Pigtail LC SM SX2 LS 1.5M |
| PI4U6-2M1.5 | Pigtail LC SM G657A2 SX2 LS 1.5M |
| PI4U6-0.9M1.5 | Pigtail LC SM G657A2 SX 0.9 LS 1.5M |
| PI4A5-2M1.5 | Pigtail LCA SM SX2 LS 1.5M |
| PI4U3-2M1.5 | Pigtail LC MM OM3 SX2 LS 1.5M |
| PI4U4-2M1.5 | Pigtail LC MM OM4 SX2 LS 1.5M |

Connector Type LC = LC UPC, LCA = LC 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