



FEATURE

- Low insertion loss
- High return loss
- Good exchange ability
- Good durability
- High temperature stability
- 100% interferometer measurement
- Telcordia GR-326-CORE

APPLICATION

- Fiber Optic Telecommunications
- LAN (Local Area Network)
- FTTH (Fiber To The Home)
- CATV&CCTV
- High speed transmission systems
- Fiber optic sensing

TECHNICAL SPECIFICATION

Item	Value
Connector	SC/APC
Operating wavelength	1260-1650nm
Fiber type	G652D,G657A2, G657A1, etc
Cable jacket	LSZH, PVC
Cable type	Simplex, duplex (zipcord), Φ 3mm or Φ 2mm Φ 0.9mm
Polish manner	UPC, APC (8°)
Cable color	Yellow or white
Fiber radius of curvature	≥ 40 mm (G.652D and G.655C); ≥ 20 mm (only G.657A2)
Insertion Loss	≤ 0.1 dB (Master) ≤ 0.3 dB (standard) Tested by JDS RM 3750
Return Loss	UPC ≥ 55 dB, APC ≥ 60 dB (typ.65dB)--Single mode UPC ≥ 35 dB (typ.38dB)-Multimode Tested by JDS RM3750
Repeatability	± 0.1 dB
Operating temperature	-40 ° C to 85 ° C
Geometry Requirement (For Single mode)	Ferrule End face Radius: $7\text{mm} \leq R \leq 12\text{mm}$ (APC) $10\text{mm} \leq R \leq 25\text{mm}$ (Standard) Apex Offset ≤ 30 μm (Master) Apex Offset ≤ 50 μm (Standard) Undercut $-50\text{nm} \leq U \leq 50\text{nm}$ Tested by DORC ZX-1