



## 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), $\Phi$ 3mm or $\Phi$ 2mm $\Phi$ 0.9mm
Polish manner	UPC, APC (8°)
Cable color	Yellow or white
Fiber radius of curvature	$\geq 40$ mm (G.652D and G.655C); $\geq 20$ mm (only G.657A2)
Insertion Loss	$\leq 0.1$ dB (Master) $\leq 0.3$ dB (standard) Tested by JDS RM 3750
Return Loss	UPC $\geq 55$ dB, APC $\geq 60$ dB (typ.65dB)--Single mode UPC $\geq 35$ dB (typ.38dB)-Multimode Tested by JDS RM3750
Repeatability	$\pm 0.1$ 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 $\leq 30$ $\mu\text{m}$ (Master) Apex Offset $\leq 50$ $\mu\text{m}$ (Standard) Undercut $-50\text{nm} \leq U \leq 50\text{nm}$ Tested by DORC ZX-1