

PM Patch Cord



T&S Panda PM fiber patch cord has excellent performance in the field after installation. It features low insertion loss, high extinction ratio, and remarkable stability.

Features

- Single fiber connector or multi fiber connector optional
- High precision connector
- UPC APC end face polish
- Low insertion loss
- High Extinction Ratio
- Multiple PM optical fibers optional
- Axis aligned optional or customization
- Compatible with Ordinary connector
- Customized length available
- 100% factory terminated and tested
- ROHS Compliant

Applications

- PM Fiber Sense Systems
- Testing Instruments
- Coherent Transmission
- Laser Doppler Velocimeter
- Fiber Optic Gyroscope
- Co-packaged optics (CPO)

Standard Compliance

- TIA/EIA 568.3-D
- TIA/EIA 604 Series
- IEC 61754 Series
- IEC 61753-1

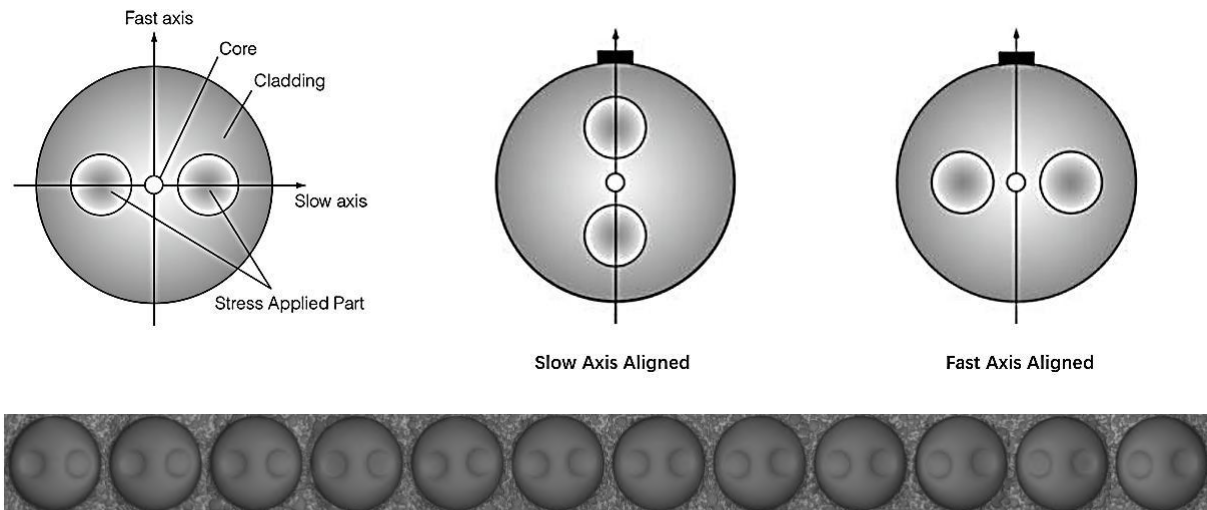
General Specification

Single fiber connector

Construction	Description
Fiber type	Panda fiber: PM1310/PM1550
Cable Jacket Material	Low Smoke Zero Halogen (LSZH) PVC Hytrel (for $\phi 0.9$ only)
Cable dia.(mm)	$\phi 0.9/\phi 2.0/\phi 3.0$
Cable Jacket Ratings	Riser (OFNR) Plenum (OFNP)
Cable Jacket Color	$\phi 0.9$: White $\phi 2.0/\phi 3.0$: Yellow or Customized
Connector type	FC/SC/LC
Axis aligned	Slow axis aligned/ Fast axis aligned or Customized
Operating Temperature	-20°C to + 70°C
Storage Temperature	-40°C to + 85°C

Multi fiber connector

Construction	Description
Fiber type	Panda fiber: PM1310/PM1550
Cable Jacket Material	Low Smoke Zero Halogen (LSZH) PVC
Cable dia.(mm)	$\phi 3.0$
Cable Jacket Ratings	Riser (OFNR) Plenum (OFNP)
Cable Jacket Color	Yellow or Customized
Connector Type	MTP, MPO
Endface coated	AR coated/no coated
Polarity	Type A, Type B, Type C (TIA-568.3-D)
Connector Ferrule	12F/16F/ 24F
Axis aligned	Slow axis aligned/ Fast axis aligned or Customized
Operating Temperature	-20°C to + 70°C
Storage Temperature	-40°C to + 85°C



Technical Specification

	Multi fiber connector	Single fiber connector
Insertion Loss (dB)	Low loss ≤ 0.35 Standard loss ≤ 0.75 Low loss ≤ 0.35 (AR coated)	UPC ≤ 0.2 APC ≤ 0.3
Return Loss (dB)	UPC ≥ 50 ; APC ≥ 60	UPC ≥ 50 ; APC ≥ 60
Extinction Ratio (dB)	≥ 20 (1m)	≥ 23 (1m)
Wavelength (nm)	PM1310: 1310 PM1550: 1550	

Note:

IL Test method: IEC 61300-3-4 insertion method B.