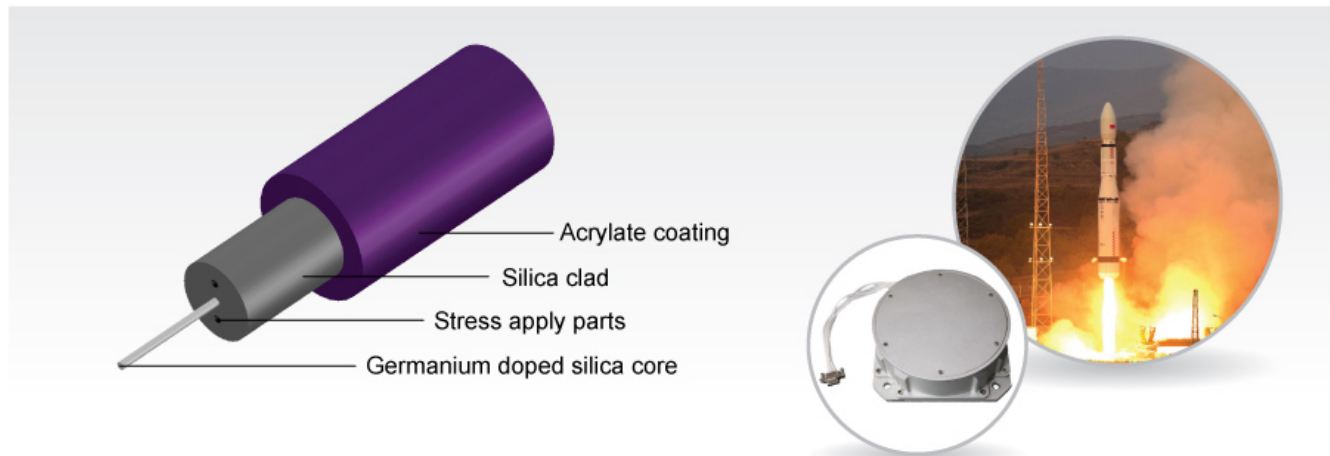


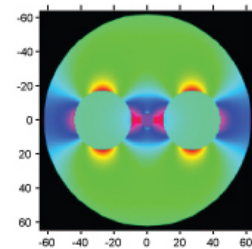
Polarization Maintaining Fiber

Polarization Maintaining Fiber (Panda)



Typical Applications

- Polarization sensitive devices
- Laser tail fiber
- Lithium niobate waveguide devices
- Polarization optical fiber sensor
- Fiber optic gyroscopes
- Coherent optical communication system
- The pyrometric cone type polarization-maintaining coupler



Fiber Type	PTPM1310-80/165	PTPM1310-80/135	PTPM1310-60/100
Optical Parameters			
Working Wavelength (nm)		1310	
Cutoff (nm)		1100-1280	
Mode Field Diameter (μm)	6.0 ± 1.0	6.0 ± 1.0	5.5 ± 1.0
Attenuation (dB/km)	≤ 0.6	≤ 0.6	≤ 0.6
Beat Length (mm)	≤ 3.0	≤ 3.0	≤ 3.0
Normalized Cross Talk		≤ -23@1310nm	
Environmental and mechanical properties			
Working Temperature		-40°C ~ +80°C	
Proof Test Level (kpsi)	100	100	100

Fiber Type	PTPM1550-80/165	PTPM1550-80/135	PTPM1550-60/100
Optical Parameters			
Working Wavelength (nm)		1550	
Cutoff (nm)		1320-1520	
Mode Field Diameter (μm)	6.5 ± 1.0	6.5 ± 1.0	6.0 ± 1.0
Attenuation (dB/km)	≤ 0.8	≤ 0.8	≤ 0.8
Beat Length (mm)	≤ 3.0	≤ 3.0	≤ 3.0
Normalized Cross Talk		≤ -22@1550 nm	
Environmental and mechanical properties			
Working Temperature		-40°C ~ +80°C	
Proof Test Level (kpsi)	100	100	100