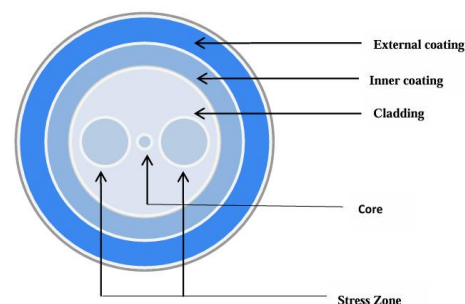


Product Features

- Good grinding performance
- Good geometric uniformity and consistency
- Excellent attenuation and polarization maintenance performance
- High temperature stability and mechanical reliability

Product Application

- Polarizing device tail fiber
- Polarization-preserving jumper
- Polarization sensitive device
- Fused biconical tape polarization-maintaining coupler



Product Specifications

Properties		Product Specification			
Product Type	PM98-125/250-C	PM13-125/250-C	PM15-125/250-C	PM15-125/250-C-BI	
Optical Properties					
Working wavelength	980nm	1310nm	1550nm		
Cutoff wavelength	800 ~ 970nm	1100 ~ 1290nm	1290 ~ 1520nm	1290 ~ 1520nm	
Mode field diameter	6.5 ± 0.5μm	9.0 ± 0.5μm	10.5 ± 0.5μm	9.0 ± 0.5μm	
Beat length	≤ 3.0mm	≤ 4.0mm	≤ 5.0mm	≤ 5.0mm	
Attenuation	≤ 2.5dB/km	≤ 0.5dB/km	≤ 0.5dB/km	≤ 0.5dB/km	
Typical crosstalk (100m)	≤ -30dB	≤ -30dB	≤ -30dB	≤ -30dB	
Geometric Properties					
Cladding diameter	124.5 ± 1.0μm	124.5 ± 1.0μm	124.5 ± 1.0μm	124.5 ± 1.0μm	
Coating type	Double UV curing acrylic resin				
Coating diameter	245.0 ± 5.0μm	245.0 ± 5.0μm	245.0 ± 5.0μm	245.0 ± 5.0μm	
Core concentricity	≤ 0.5μm	≤ 0.5μm	≤ 0.5μm	≤ 0.5μm	
Cladding out-of-roundness	≤ 1.0%	≤ 1.0%	≤ 1.0%	≤ 1.0%	
Environmental and Mechanical Properties					
Operating temperature	-45 ~ +85°C	-45 ~ +85°C	-45 ~ +85°C	-45 ~ +85°C	
Screening tension	100kpsi	100kpsi	100kpsi	100kpsi	