

### Polarization Maintaining Fused WDM

(488/532, 488/633, 532/633, 532/780, 633/780, 633/840nm)

Features	Applications
<ul style="list-style-type: none"> <li>● Low Insertion Loss</li> <li>● High Return Loss</li> <li>● High Extinction Ratio</li> </ul>	<ul style="list-style-type: none"> <li>● Optical Fiber Amplifier</li> <li>● Optical Fiber laser</li> <li>● Fiber Instrument</li> </ul>

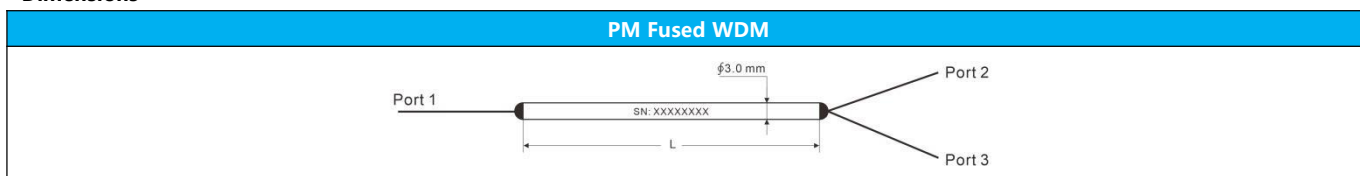
#### Specifications

Parameters	Unit	Values					
Operating Wavelength	nm	488/532	488/633	532/633	532/780	633/780	633/840
Wavelength Bandwidth	nm	±5	±5	±5	±5	±5	±5
Insertion Loss	dB	≤1.2	≤1.2	≤1.2	≤1.0	≤1.0	≤1.0
Isolation	dB	≥13	≥15	≥15	≥15	≥18	≥18
Extinction Ratio	dB	≥18	≥18	≥18	≥18	≥18	≥18
Fiber Type	/	PM460-HP	PM460-HP	PM460-HP	PM630-HP	PM630-HP	PM630-HP
Max Power Handling (CW)	W	0.1	0.1	0.2	0.2	0.3	0.3
Return Loss	dB	≥55					
Tensile Load	N	≤5					
Operating Temperature	°C	-40~+85					
Storage Temperature	°C	-40~+85					
Package Dimension	mm	Φ3.0×60(bare fiber), or Φ3.0×70(900μm loose tube)					

Note:

1. Above specifications are for device without connector, If with connector, IL will be 0.3dB higher, return loss will be reduce 5dB and Extinction Ratio will reduce 2dB.
2. The PM fused WDM is both axis working, no axis can be blocked.

#### Dimensions



#### Ordering Information PMFUWDM-XXX-XX/XX-XX-X-XX-XX-XX-XX-XX

①Port:	102=1x2
②Wavelength:	488/532; 488/633; 532/633; 532/780; 633/780; 633/840; S=Specify
③Fiber Type :	PM460; PM630; S=Specify
④Package Dimensions:	S3=3.0x60mm; S4=3.0x70mm; S=Specify
⑤Pigtail Type:	00=bare fiber; 09=900um loose tube
⑥Fiber Length:	08=0.8m; 10=1m; S=Specify
⑦Connector Type:	FA=FC/APC; FP=FC/UPC; SA=SC/APC; SP=SC/UPC; S=Specify