

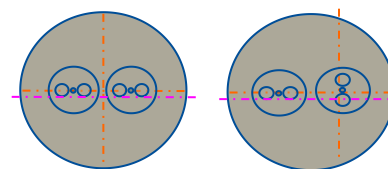
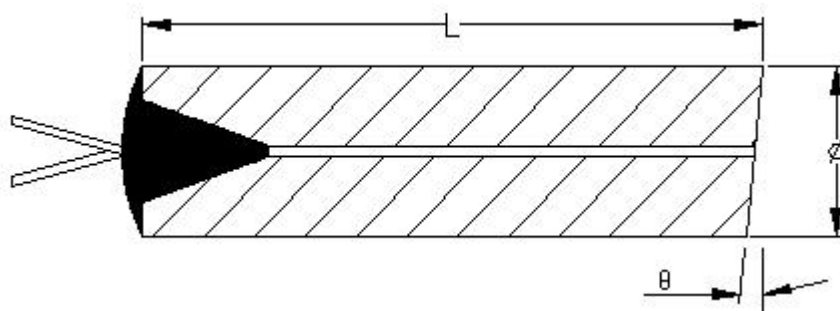
Optical PM Fiber Pigtail

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|---|
| Features |
| Fine polishing surface, Accurate polishing angle High Reliability |
| Application |
| Optical laboratories. Collimator assembly. |

Specifications:

| Parameter | | Single&Dual Fiber | | | |
|---------------------------------|--------------|---|--------------|---------------|----------|
| Center Wavelength(nm) | | 1310 or 1550 | 980,1064 | 780,850 | 532, 635 |
| Operation Wavelength range(nm) | | 1260-1620 | 900-1100 | 700-900 | 500-700 |
| Capillary Diameter(mm) | | 1.8± 0.5 | | | |
| Fiber Core Spacing(um) | | 125 or 143 | | | |
| Capillary Length (mm) | | 5.5 ± 0.5, 6.25 ±0.25 or customized | | | |
| Polishing Angle (degree) | | 8°±0.5° or 0°±0.5° or 12°±0.5° | | | |
| Polishing Direction(degree) | | ≤5 | | | |
| Fiber Length(m) | | 1.0 , 1.3 or Specify | | | |
| Extinction Ratio (dB) @23 °C | Single Fiber | ≥23 | | | |
| | 125 Spacing | ≥21 | | | |
| | 143 Spacing | ≥23 | | | |
| Return Loss min (dB) | 0° | ≥50 | | | |
| | 8° | ≥60 | | | |
| Scratch/Dig | | Scratches:width≤2um(pass);total length≤0.8mm(<2um<width≤10um)(pass);Width>10um (reject); Defects:size≤5um(pass);size>20um(reject);total defects≤3(5um<size≤20um). | | | |
| AR-coating | | R < 0.25% | | | |
| Ferrule Material | | Silica quartz glass Tube | Ceramic Tube | Au-Golden SUS | |
| Size(mm) | | OD 1.8xL6 OD 1.0x5 | OD 2.5x10.5 | OD1.5xL12 | |
| Operating temperature(°C) | | -5~ + 70 | | | |
| Storage temperature(°C) | | -40~ + 85 | | | |

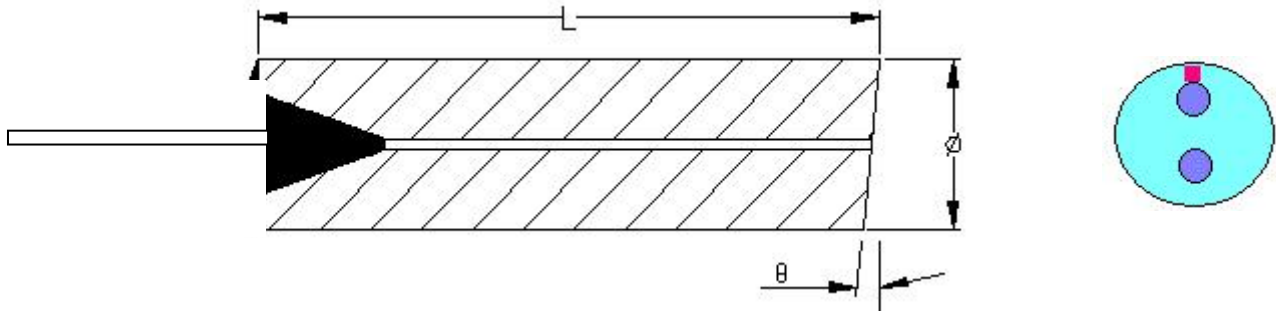
Fiber Orientation



Type E

Type T

Optical PM Fiber Pigtail



Ordering Information

| PMFP | Wavelength | Capillary Diameter | Fiber core Spacing | Fiber type | Panda Type | Capillary Length | Polishing Angle | AR Coating | High power | Pigtail Type | Fiber Length | Connector |
|------|---|-------------------------------|--|--------------------|--|--|-----------------------|------------------------------|------------------------------------|--------------|---|--|
| PMFP | 05=532nm 06=635nm 07=780nm 08=850nm 09=0980 64=1064nm 15=1550nm 16=1650nm XXXX:other wavelength | 1=1.8mm 2=1.0mm 3=2.5mm | N=N/A(only for Single Fiber) 0=125um 1=143um X=other distance | X=refer below code | N=N/A(only for Single fiber) E=Type E T=Type T | 1=5.5 ± 0.5, 2=6.25±0.25 3=4.2±0.25 S=other | 0=0° 8=8° 2=12° | 1=AR Coating 0=NO Coating | 1=End Cap 2=No End Cap 3=TEC | 1=bare fiber | 8=0.8m 1=1.0m 2=2.0m S=Specify | 0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=ST/UPC 6=LC/PC 7=LC/APC S=Specify |

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| Code | Spec |
|------|--|
| 001 | G625D NA0.12 (R15mm) |
| 002 | G657A1 NA 0.12 (R10mm) |
| 003 | G657A2 NA 0.12 (R7.5mm) |
| 004 | G657B3 NA 0.12 (R5mm) |
| 005 | HI1060 NA 0.14 (MFD 5.9 @980nm, 6.2@1060 nm) |
| 006 | HI1060FLEX NA 0.22 (MFD 4.0um @980nm, 6.3um @1550nm) |
| 007 | SM980 NA 0.16 (MFD5.0@980 nm, 7.5@1550 nm) |
| 008 | HI780 NA 0.14 MFD 5um |
| 009 | 630-HP NA 0.13, MFD 4um |
| 010 | 460-HP NA 0.13, MFD3.5um |
| 011 | 405-HP NA 0.13, MFD3.5um |
| 012 | SM1950 NA 0.22, MFD 9 |
| 013 | RC SM1550 (RC1017-F) MFD 6um, NA0.22 |
| 014 | RC SM1310 (RC1016-F) MFD5.5 , NA 0.21 |
| 015 | RC SM980 (RC1015-F) MFD4.0um NA0.21 |
| | |
| 050 | OM1 62.5/125 (NA 0.29) |
| 051 | OM3 50/125 (NA 0.20) |
| 052 | OM4 50/125 (NA 0.20) |
| 053 | OM5 50/125 (NA 0.20) |
| 054 | 105/125 NA 0.22 |
| 055 | 200/220 NA 0.22 |
| | |
| 080 | PM1550 (SM15-PS-U25D) MFD10 NA 0.12 |
| 081 | PM980 (SM98-PS-U25D) MFD6 NA 0.12 |
| 082 | PM780 (SM85-PS-U25D) MFD5 NA 0.12 |
| 083 | PM630 (PM630-HP) MFD3.5 NA 0.12 |
| 084 | PM460 (PM460-HP) MFD3.0 NA 0.12 |
| 085 | PM1550 (BISM15-PX-U25D-H R7.5mm) |
| | |
| 100 | PM1060L 10/125 MFD10.5um, NA 0.08 |
| 101 | PLMA-GDF-10/125-M MFD11um, NA 0.08 |
| 102 | 12/125(FUD3561) MFD 12um NA 0.075 |
| 103 | PLMA-GDF-20/130 (NA 0.08/0.46) |
| 104 | PLMA-GDF-25/250/395 (NA 0.065/0.46) |
| 105 | PLMA-GDF-30/250/395 (NA 0.065/0.46) |
| 106 | PLMA-GDF-12/130-M NA 0.20/0.46 |