Features
Low Insertion Loss
High Return Loss
High Extrusion Ratio
High Isolation
High Stability & Reliability

Applications
Communication Systems
Test Instrument
Fiber Sensor
Research

◆ Package Dimensions

9.5 mm
35mm
Max. Input Power: 5W
54mm
4-Φ2.25
7mm
12mm
54mm
70mm
Max. Input Power: 20W

◆ Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Wavelength</td>
<td>nm</td>
<td>1950, 2000, 2050</td>
</tr>
<tr>
<td>Operating Wavelength Range</td>
<td>nm</td>
<td>～30</td>
</tr>
<tr>
<td>Min. Isolation at 23℃</td>
<td>dB</td>
<td>16, 5</td>
</tr>
<tr>
<td>Max. Insertion Loss at 23℃</td>
<td>dB</td>
<td>1.5, 1.2</td>
</tr>
<tr>
<td>Min. Extrusion Ratio at 23℃</td>
<td>dB</td>
<td>25</td>
</tr>
<tr>
<td>Max. Polarization Dependent Loss at 23℃</td>
<td>dB</td>
<td>0.2</td>
</tr>
<tr>
<td>Max. Return Loss (input/output)</td>
<td>dB</td>
<td>50/35</td>
</tr>
<tr>
<td>Max. Optical Power (CW)</td>
<td>W</td>
<td>0.5, 5, 10, 20</td>
</tr>
<tr>
<td>Max. Tensile Load</td>
<td>N</td>
<td>5</td>
</tr>
<tr>
<td>Fiber Type</td>
<td></td>
<td>PM1950, PM1550, SMF-28e, SM1950</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>℃</td>
<td>-40~70</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>℃</td>
<td>-40~85</td>
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</tbody>
</table>

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.
The default connector key is aligned to slow axis.

◆ Ordering Information

HPMF/HPFIS-1111-23-444-567-88-99AA

2 = Stage: S=Single-core stage, D=Dual-core stage
3 = Axis Alignment: F=Slow axis working, Fast axis blocked, B=Both of axis working
444 = Fiber Type: 001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E, 28E
5 = Package Dimension: 0=φ5.5x35mm, 1=70x12x8mm, S=Specified
6 = Pigtail Type: 0=250μm bare fiber, 1=900μm loose tube
7 = Fiber Length: D=0.8μm, H=1μm
8 = Connector for In, Out: 0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC, N=None
93 = Average Power: 00=0.500W, 05=5W, 10=10W, 20=20W
AA = Peak Power: 10=10kW, 20=20kW