DiCon’s Singlemode 1x4 Fused Fiber Coupler Plug-In Module can house one or multiple fused couplers. Each Plug-In Module is designed for easy integration into DiCon’s GP750 modular system.

FEATURES

- Ideal for Singlemode Fiber Applications
- Convenient use with the GP750 system
- Dual window broadband coupler
GP750 PROGRAMMABLE INSTRUMENT
SINGLEMODE 1X4 COUPLER PLUG-IN MODULE

OPTICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coupler Type</td>
<td>Fused Fiber</td>
</tr>
<tr>
<td>Split Configuration</td>
<td>1x4</td>
</tr>
<tr>
<td>Insertion Loss, 25% Tap Ratio$^2$</td>
<td>7.8 dB max.</td>
</tr>
<tr>
<td>Back Reflection</td>
<td>-50 dB max.</td>
</tr>
<tr>
<td>Fiber Type</td>
<td>9/125 μm single mode</td>
</tr>
</tbody>
</table>

1. Specifications at room temperature, without connectors
2. Tap ratio is a nominal value of output power divided by input power. Actual insertion loss is specified by the insertion loss specification.

ORDERING INFORMATION

GPC - □ - □/1x4 - □ - □ - 9 - □

Product Code
GPC - Coupler Module

Slot Width
1S - 1-Slot Module
2S - 2-Slot Module

Number of Connectors
X - Specify # of Connectors
Max of 3 for 1S Module
Max of 6 for 2S Module

Coupler Type
1x4 - 1x4 split

Tap Ratio
25 - 25% / 25% / 25% / 25%

Wavelength Range
13/15 - 1270-1350 nm & 1510-1590 nm

Fiber and Jacket Type
9 - Corning SMF-28 9μm Fiber

Connector Type
FC/SPC - FC/SPC
FC/APC - FC/APC
N - NONE

Also Available: SC, SC/UPC, SC/APC, ST, ST/UPC, LC

MECHANICAL DIMENSIONS

(Units: mm)