CWDM MUX-DEMUX Module
CWDM Passive Multiplexing LGX™ 5+2 Channels

Introducing a multipurpose passive LGX module with combined simultaneous Mux and Demux circuits in a single-wide package that supports five CWDM channels, a 1310 channel, a 1550 channel, and has a tap monitor port.

General specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature</td>
<td>-40ºC to 65ºC (-40ºF to 149ºF)</td>
</tr>
<tr>
<td>Relative humidity (non-condensing)</td>
<td>5 to 95%</td>
</tr>
<tr>
<td>Dimensions (H x W x D)</td>
<td>10.2 x 2.8 x 15.5 cm (4.0 x 1.1 x 6.1 in.)</td>
</tr>
<tr>
<td>Optical connectors</td>
<td>LC/UPC</td>
</tr>
</tbody>
</table>

Maximum end-of-life insertion loss specifications

<table>
<thead>
<tr>
<th>Channel</th>
<th>Demux</th>
<th>Mux</th>
</tr>
</thead>
<tbody>
<tr>
<td>1310 nm</td>
<td>1.2</td>
<td>1.2</td>
</tr>
<tr>
<td>1471 nm</td>
<td>1.5</td>
<td>3.0</td>
</tr>
<tr>
<td>1491 nm</td>
<td>1.9</td>
<td>2.6</td>
</tr>
<tr>
<td>1511 nm</td>
<td>2.3</td>
<td>2.3</td>
</tr>
<tr>
<td>1591 nm</td>
<td>2.6</td>
<td>1.9</td>
</tr>
<tr>
<td>1611 nm</td>
<td>3.0</td>
<td>1.5</td>
</tr>
<tr>
<td>1550 nm</td>
<td>2.9</td>
<td>2.9</td>
</tr>
<tr>
<td>MON</td>
<td>19.0</td>
<td>19.0</td>
</tr>
</tbody>
</table>

Insertion loss includes one connector.

Ordering information

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1027-0500</td>
<td>5-CH CWDM, MUX and DMX, 1310 nm, 1550 nm, 2 Circuits, LGX 1-wide, 2% monitor</td>
</tr>
</tbody>
</table>