Introducing Compact Small Form-Factor Pluggable Module (Compact SFP)

PB682262

Cisco is introducing a Compact Small Form-Factor Pluggable (SFP) module to address high-density port requirements in FTTx deployments. (See Figure 1.)

Figure 1. Compact SFP Module

The module is a Gigabit Ethernet transceiver with two bidirectional channels inside a conventional SFP form factor. See Table 1 for a comparison with other bidirectional SFP modules.

Table 1. Comparison with Other Bidirectional SFP Modules

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Number of Channels</th>
<th>FE</th>
<th>GE</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLC-FE-100BX-D</td>
<td>1</td>
<td>✓</td>
<td></td>
<td>10km</td>
</tr>
<tr>
<td>GLC-FE-100BX-U</td>
<td>1</td>
<td>✓</td>
<td></td>
<td>10km</td>
</tr>
<tr>
<td>GLC-BX-D</td>
<td>1</td>
<td></td>
<td>✓</td>
<td>10km</td>
</tr>
<tr>
<td>GLC-BX-U</td>
<td>1</td>
<td>✓</td>
<td></td>
<td>10km</td>
</tr>
<tr>
<td>GLC-2BX-D</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
<td>10km</td>
</tr>
</tbody>
</table>

This module is supported on the new Cisco® Catalyst® 4500 line card (WS-X4640-CSFP-E):

- 40 subscribers per line card with standard SFP (GLC-BX-D)
- 80 subscribers per line card with compact SFP (GLC-2BX-D)

Target first customer ship date is August 2011.
For More Information

Compact SFP module datasheet:


Compatibility information:


Installation guides:


General information about Cisco transceiver modules: