200Gbase QSFP56 FR4

Features

- Aggregate data rate of 212.5 Gbit/s
- Optical Interface: Compliant to 26.5625 Gb/s PAM4 x 4 CWDM wavelength 200GBASE-FR4
- Electrical Interface: Compliant to 26.5625 Gb/s PAM4 x 4 lane 200GAIU-4
- Reach: Up to 2 km over duplex single mode fiber
- Form Factor: Compliant to QSFP+ 28Gb/s 4X Pluggable Transceiver Specification (SFF-8665)
- Optical Transmitter: CWDM DFB
- Optical Receiver: PIN photodetector
- Power consumption: <7W
- Operating case temperature: 0 to 70 °C
- Size (W x L (with pull tab) x H): 18.4 mm x 72 (122) mm x 8.5 mm (not including pull tab)
- Hot Z-Pluggable to 38-pin electrical connector
- Latching mechanism: Pull tab
- Management Interface: Two-wire common management interface
- Environment: RoHS10 (2011/65/EU + 2015/863) compliant

Applications

- Data center

<table>
<thead>
<tr>
<th>P/N</th>
<th>Data Rate (Gbit/s)</th>
<th>Reach</th>
<th>Tx</th>
<th>Tx Wavelength (nm)</th>
<th>Rx</th>
<th>Rx Wavelength (nm)</th>
<th>Rx Sensitivity (dBm)</th>
<th>Power Consumption</th>
<th>Temperature (degC)</th>
<th>Connector</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT-P42GCML-C00</td>
<td>200</td>
<td>2KM</td>
<td>CWDM4</td>
<td>1271-1331</td>
<td>PIN</td>
<td>1271-1331</td>
<td>-8</td>
<td>&lt;7W</td>
<td>0-70</td>
<td>LC</td>
<td>200BASE-FR4 QSFP56</td>
</tr>
</tbody>
</table>