SFP Modules

WHAT THIS PRODUCT DOES:
These Luxul modules are designed for use with Luxul Ethernet switches that have a corresponding SFP or SFP+ port. The modules can be used to interconnect Luxul switches or provide an additional port for connectivity to a networked device (computer, etc.). The modules allow for connectivity over various media, bandwidths, and distances: UTP copper or fiber optic cabling, short or long distances, 1 or 10 Gigabit.

FEATURED SFP MODULES:
- 1G-RJ4S
- 1G-MM-DX-LC
- 10G-RJ4S
- 10G-CAB-05
- 10G-MM-DX-LC
- 10G-SM-DX-LC
- 10G-SM-SX-LC

FEATURES:
- Hot pluggable SFP+ footprint
- Compliant with SFP MSA specifications
- SingleMode (SM) and MultiMode (MM) fiber optic cable supported
- RoHS compliant

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Hardware Features</th>
<th>Standards</th>
<th>Interface</th>
<th>Mode</th>
<th>Cable Type</th>
<th>Speed</th>
<th>Distance Type</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>10G-CAB-05</td>
<td>SFP+ MSA, SFP MSA</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>10G</td>
<td>.5m</td>
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</tr>
<tr>
<td>1G-RJ4S</td>
<td>IEEE 802.3z, IEEE 802.3u, IEEE 802.3ab, SFP MSA</td>
<td>RJ-45</td>
<td>N/A</td>
<td>Cat.5e or Cat.6/7 UTP/STP</td>
<td>1G</td>
<td>Up to 100m UTP/STP</td>
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<tr>
<td>10G-RJ4S</td>
<td>IEEE 802.3az, SFF-8431, SFF-8432, SFP MSA</td>
<td>RJ-45</td>
<td>N/A</td>
<td>Cat.6/7 UTP/ST</td>
<td>10G</td>
<td>Up to 30m Optical Fiber</td>
<td></td>
</tr>
<tr>
<td>1G-MM-DX-LC</td>
<td>IEEE Std 802.3-2005</td>
<td>LC</td>
<td>Multi-Mode</td>
<td>Duplex Fiber</td>
<td>1G</td>
<td>Up to 500m Optical Fiber</td>
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<tr>
<td>10G-MM-DX-LC</td>
<td>IEEE Std 802.3-2005</td>
<td>LC</td>
<td>Multi-Mode</td>
<td>Duplex Fiber</td>
<td>10G</td>
<td>Up to 300m Optical Fiber</td>
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<tr>
<td>10G-SM-DX-LC</td>
<td>IEEE Std 802.3-2005</td>
<td>LC</td>
<td>Single-Mode</td>
<td>Duplex Fiber</td>
<td>10G</td>
<td>Up to 10km Optical Fiber</td>
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</tr>
<tr>
<td>10G-SM-SX-LC</td>
<td>IEEE 802.3ae 10GBASE-LR, 1-GBASE-LW</td>
<td>LC</td>
<td>Single-Mode</td>
<td>Simplex Fiber</td>
<td>10G</td>
<td>Up to 20km Optical Fiber</td>
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</tbody>
</table>

Warranty:
- Three-year limited warranty

Minimum System Requirements
- Luxul switch with an SFP/SFP+ port

Package Contents
- Module