

## 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-RJ45
- ▶ 1G-MM-DX-LC
- ▶ 10G-RJ45
- ▶ 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



10G-CAB-05



10G-RJ45



1G-RJ45



10G-SM-SX-LC



10G-SM-DX-LC



1G-MM-DX-LC



10G-MM-DX-LC

### TECHNICAL SPECIFICATIONS

#### Hardware Features

	Standards	Interface	Mode	Cable Type	Speed	Distance	Type
<b>10G-CAB-05</b>	SFP+ MSA, SFP MSA	N/A	N/A	N/A	10G	.5m	<b>Cable</b>
<b>1G-RJ45</b>	IEEE 802.3z, IEEE 802.3u, IEEE 802.3ab, SFP MSA	RJ-45	N/A	Cat.5e or Cat.6/7 UTP/STP	1G	Up to 100m	<b>UTP/STP</b>
<b>10G-RJ45</b>	IEEE 802.3az, SFF-8431, SFF-8432, SFP MSA	RJ-45	N/A	Cat.6/7 UTP/ST	10G	Up to 30m	
<b>1G-MM-DX-LC</b>	IEEE Std 802.3-2005	LC	Multi-Mode	Duplex Fiber	1G	Up to 500m	<b>Optical Fiber</b>
<b>10G-MM-DX-LC</b>	IEEE Std 802.3-2005	LC	Multi-Mode	Duplex Fiber	10G	Up to 300m	
<b>10G-SM-DX-LC</b>	IEEE Std 802.3-2005	LC	Single-Mode	Duplex Fiber	10G	Up to 10km	
<b>10G-SM-SX-LC</b>	IEEE 802.3ae, 10GBASE-LR, 1-GBASE-LW	LC	Single-Mode	Simplex Fiber	10G	Up to 20km	

#### Warranty:

- ▶ Three-year limited warranty

#### Minimum System Requirements

- ▶ Luxul switch with an SFP/SFP+ port

#### Package Contents

- ▶ Module