

Single-Mode Optical Modules



General Description

Model	BOM-SM-1G-20KM	BOM-SM-1G-80KM	BOM-SM-2G-20KM	BOM-SM-10G-10KM	BOM-SM-25G-10KM	BOM-SM-100G-10KM
Form Factor	SFP	SFP	SFP	SFP+	SFP28	QSFP28

Transmission Specifications

Mode	Single-Mode					
Data Rate	1.25G	1.25G	2.5G	10G	25G	100G
Wavelength	1310 nm	1550 nm	1310 nm	1310 nm	1310 nm	1310 nm
Max. Distance	20 km	80 km	20 km	10 km	10 km	10 km

Connector Specifications

Connector type	LC/UPC Duplex					
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Mechanical Properties

Ambient Operating Temperature	0 to 70°C					
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Power

Max Consumption	1W	1W	1W	1.2W	1.5W	3.5W
Hot-Pluggable	Yes	Yes	Yes	Yes	Yes	Yes

Warranty

Term	3 Years					
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Compatibility

Designed for broad compatibility with networking equipment supporting the corresponding SFP, SFP+, SFP28, or QSFP28 interface. Compatible with MikroTik, Ubiquiti, Cisco, TP-Link, Zyxel, NETGEAR, Ruckus, ZTE, and D-Link networking equipment. Compatibility with other brands is available upon request.