GF-MC1G-RJ45-SFP

Media Converter RJ45 to SFP | 10/100/1000Base-T to 1 SFP slot

Product overview

Switching media converter between copper Ethernet and 1000BASE-LX/LH fiber. Supports automatic crossover, auto-sensed full/half duplex, long VLAN packets, QoS for VoIP and DIP-selectable LFP.

Technical specifications

Parameter	Specification
Copper port	10/100/1000Base-T(X)
Optical port	1 SFP slot; 1000Base-LX/LH (overview); 1000Base-SX/LX (standards)
Standards	IEEE 802.3ab, 802.3z, 802.1q VLAN, 802.1p QoS, 802.1d Spanning Tree
SFP reach	550 m-120 km, depending on module
Copper reach	100 m on CAT5/CAT5E
MAC table	2K
Frame size	Up to 1600 bytes store-and-forward; 9000-byte jumbo frames cut-through
Forwarding mode	Store-and-forward / cut-through, DIP selectable
Latency	Store-and-forward <10 us; cut-through 1 us
MTBF	100,000 hours
Power supply	External DC 5 V, 1 A
Power consumption	<3 W at full load
Operating temperature	-10 to +55 °C
Dimensions H x W x D	26 x 70 x 94 mm

Ordering: GF-MC1G-RJ45-SFP