

NETWORK ACCESORIES DATA SHEET

DC-Powered 10/100/1000MB SFP-to-RJ45 Media Converter



Champion ONE's 10/100/1000Mb media converters are capable of switching between twisted pair (RJ45) and optical signals, relaying across 10/100Base-TX, 1000Base-Tx, and 1000Base FX network segments, meeting long distance, high speed and high broadband fast Ethernet workgroup users' needs, achieving high speed remote interconnection for up to 100km relay free computer data network. The compact, durable enclosures and high-reliability performance make this media converter well-suited across industries and network applications.

Technical Specifications

Parameter	Value
Part Number	FMC-MRGCS-H-R2-DC
Operating Standards	IEEE 802.3 10/100Base-TX / 1000Base-TX and 1000Base-FX
Ports	Copper: 1xRJ45 Optical: 1xSFP (transceiver sold separately)
Copper Transmission Rate / Mode	10/100/1000M (full or half duplex, automatic MDI/MDIX)
Optical Transmission Rate	1000Mbps
Switching Capacity	4 Gbps
MAC Table Size	4 K
Packet Buffer Size	2 Mb
Jumbo Frames	9.6K bytes
Status LEDs	PWR, ALM, L/A, SPD
Power Requirements	18~60 VDC, Redundant dual inputs
Operating Temperature	-40 to 85° C
Humidity	5 to 95 % (non-condensing) Limited
Warranty	lifetime warranty