

DATASHEET

MCR300-1T-1S-V2

10/100/1000 Base-T to 100/1000 SFP Media Converter

MAIN FEATURES

- 10/100/1000 Base-T to 100/1000 SFP Media Converter



TECHNICAL SPECIFICATIONS

Power supply

Power supply type	5 VDC
Power consumption	5.6 W
Power/Status	Green/On – power detected (+5 VDC)
Power Supplies	PS5VDC2A-EU

Physical characteristics

Physical dimensions	97 x 70 x 26 mm
Net weight	190 g
Mounting type	Wall mount
Jumbo Packet Size	9 K

Environmental characteristics

Operating temperature	0 to +50°C
DIP switch	LFP function (Enable/Disable) setting

Other characteristics

Category	Commercial
Type	Ethernet to SFP
Switch throughput (Mpps)	14.8
Compatible with MCR rack	Yes
No. of ports	1
Port speed	Gigabit

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TECHNICAL SPECIFICATIONS

Port type	10/100/1000
Fiber port	1
Fiber port type	SFP
Fiber port speed	100Base FX/LX/BX or 1000Base SX/BX/LX/LHX/ZX
Supported SFPs	S2x and S3x series
Fiber distance	SFP dependant
Fiber connector	LC
Wavelength	SFP dependant
PoE	No
OAM	TS-1000, IEEE 802.3ah terminal
Flow Control	Half/Full-duplex
Connector	RJ-45 (Auto-MDI/MDI-X)
Cable Type and Distance	10Base-T: 2-pair UTP Cat. 3, 4, 5, up to 100 m / 100Base-TX: 2-pair UTP Cat. 5, up to 100 m / 1000Base-T : 2-pair UTP Cat. 5/5e/6, up to 100 m
10/100/100Base-T port link/activity	Green/On – link established / Green/blinking – active port (TX/RX)
10/100/1000Base-T port speed	Green/On – 1000 Mbps full duplex mode operation / Green/Off – 10/100Mbps full duplex mode operation
SFP (Mini-GBIC) port link	Green/On – link established / Green/blinking – active port (TX/RX)
IEEE	IEEE 802.3, 10Base-T / IEEE 802.3u, 100Base-TX / IEEE 802.3ab 1000Base-T / IEEE 802.3z 1000Base-SX/LX/BX
EMI	EN 55022 CLASS A / EN61000-3-2:2006 / EN61000-3-3: 1995+1A:2001+A2:2005
EMS	EN 55024:1998+A1:2001+A2:2003 / IEC 61000-4-2:2001 / IEC 61000-4-3:2008 / IEC 61000-4-4:2004 / IEC 61000-4-5:2005 / IEC 61000-4-6:2008 / IEC 61000-4-8:2001
Network accessories	MCR-R15