

NMC1012 series

(10/100/1000BaseT to 1000BaseSX/LX Media Converter)

More information:
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Key Features

- **Compliant with IEEE 802.3ab 1000BaseT and IEEE 802.3z 1000BaseSX/LX Gigabit Ethernet Standards**
- **One 10/100/1000BaseT Gigabit Ethernet TP Port and One 1000BaseSX/LX Gigabit Ethernet Fiber Port**
- **One 1000BaseSX/LX Gigabit Fiber Port can support either Multi or Single Mode**
- **TP Port can support Full-Duplex, Auto-MDI/MDI-X and Auto-Negotiation**

Technical Specifications

ModelNo	Wavele ngth	Media	Distance	TX Power (dBm)	RX Sensitivity (dBm)	Power Budget (dBm)
NMC1012R	850	MMF	220/550m	-9.5 ~ -4	Max. -18	8.5
NMC1012RSM	1310	SMF	10 km	-9.5 ~ -3	Max. -20	10.5

Standards	IEEE 802.3ab 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3z 1000BaseSX/LX IEEE 802.3x Flow Control
Features	Number of Ports: 1 10/100/1000BaseT with RJ-45 Connector 1 1000BaseSX/LX with Fiber Connector (Multi/Single Mode, SC Connector)
Data Transfer Rate	2000Mbps/Full-Duplex
Transmission Media	TP:10/100/ 1000BaseT Cat. 5, 5E, 6 UTP/STP, up to 100 m 1000BaseSX: 62.5/125μm Multi Mode Fiber optic cable, up to 220 m 50/125μm Multi Mode Fiber optic cable, up to 550 m 1000BaseLX: 9/125μm Single Mode Fiber optic cable
Led Indicators	Per Port: (TX): Link, TX (FX): Link, RX Per Unit: Power
Power Requirement	DC 5V/2A
Power Consumption	10 Watts (Max)
Dimensions	102 × 74 × 22 mm (L x W x H)
Weight	240g
Operating Temperature	0 to 40℃
Storage Temperature	-20 to 90℃
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class B, CE

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