

ConRep Fiber Media Converter >CR-MCXXXXSYT1-0



Overview

- The media converter of the CR-MCXXXXSYTZ-0 series fit the emerging deployment needs of optical networks.
- The CR- MCXXXXSYTZ-0 connect electrical Ethernet-based networks to optical networks easily and cost effectively and can be used as demarcation devices.
- Different management options available.

Applications

- Media conversion (10/100/1000Base-T to 1000Base-X).
- Can be combined with wavelength division multiplexing.
- Demarcation.



Maintenance levels

- CR-MCXX05S1T1-0 supports IEEE 802.3 ah OAM network management.

Features

- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-T, IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-X.
- Store and forward switching mechanism.
- Auto negotiation in TP port.
- Auto crossover for MDI/MDIX in TP port.
- Supports flow control (IEEE 802.3x).
- Supports jumbo frames 9k bytes.
- Supports link alarm.

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Technical Specifications

Optical Interface	Interface Type	SFP
	Data Rate	1250Mbps (CR-MC100XS1T1-0 models) 1250/125Mbps (CR-MC110XS1T1-0 models) 125 Mbps (CR-MC010XS1T1-0 models)
Electrical Interface	Connector	RJ45
	Data rate	10Mbps, 100Mbps, 1000Mbps (CR-MC1X0XS1T1-0 models) 10Mbps, 100Mbps (CR-MC010XS1T1-0 models)
Standards		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab (only models supporting 1000Base), IEEE 802.3z (only models supporting 1000Base), IEEE 802.3x IEEE 802.3ah OAM (only CR-MCXX05S1T1-0 models)
LEDs		Power, FDX, status, speed, FO link/act TX link/act
Product Spec	Jumbo Frame Size	9k
	MAC address table	1k
	Memory buffer	32k (CR-MC1100S1T1-0, CR-MC1001S1T1-0, CR-MC1005S1T1-0, CR-MC0101S1T1-0, CR-MC0105S1T1-0) 128k (CR-MC1000S1T1-0, CR-MC1007S1T1-0)
Power		External power supply, DC 5V, 1.5A, 50/60Hz
Environment	Temperature	0° – 50°C (Operating) -20° – 60°C (Storage)
	Humidity	5% – 90% non condensing
Power Consumption		3W
Dimensions(WxDxH)		71x94x26mm
Shipping Weight		0.6kg
Certification		CE, FCC Class A

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Ordering Information

Order Code:

CR-MC1000S1T1-0	10/100/1000Base-T to 1000Base-X Media Converter, unmanaged
CR-MC1100S1T1-0	10/100/1000Base-T to 100Base-TX/1000Base-X Media Converter, unmanaged
CR-MC1007S1T1-0	10/100/1000Base-T to 1000Base-X Media Converter, managed (RJ45 outband console)
CR-MC1001S1T1-0	10/100/1000Base-T to 1000Base-X Media Converter, managed (SNMP, Web)
CR-MC0101S1T1-0	10/100Base-T to 100Base-FX Media Converter, managed (SNMP, Web)
CR-MC1005S1T1-0	10/100/1000Base-T to 1000Base-X Media Converter, managed (IEE 802.3ah, SNMP, Web)
CR-MC0105S1T1-0	10/100Base-T to 100Base-FX Media Converter, managed (IEE 802.3ah, SNMP, Web)

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