

MEDIA CONVERTERS 10/100 and 1000 Mbps



The OPTRAL Media Converters extend the Ethernet network of 10/100Mbps or 1Gigabit over both multimode or singlemode optical fiber. The converters automatically detect the network configuration and operates at the suitable speed and protocol (full-duplex or half-duplex). The LED Indicators provide information about the status of the network and facilitates the detection of failures.

All the models comply with the requirements according to the Electromagnetic Compatibility and Low Tension Standards (CE Marking).

FEATURES

- Multimode and Singlemode Optical Fiber
- Wavelength:
 - Multimode: 850 y 1300nm
 - Singlemode: 1310nm
- Stand Alone and Rack Cards
- Connector RJ-45, UTP cable 100-Ohm
- Optical connectors: SC ⁽¹⁾
⁽¹⁾ For other optical connectors consult us

OPERATION / SIZE / TEMPERATURE

- Temperature:
 - 0° ÷ +70°C for 10/100Mbps
 - 0° ÷ +60°C for 10/100/1000Mbps
- Humidity: 10% ÷ 90% (without condensation)
- Power: 5 Vdc / 1A
- Stand Alone:
 - Typo A = 102 x 64 x 22 mm
- Rack = 1 Slot Rack

COMPATIBILITY

- Standard IEEE 802.3
- ISO/IEC 8802-3

ACCESORIES

- Stand Alone:
 - Power Supply (included):
Vin: 110 or 220 Vac, 50-60Hz
Vout: 5 Vdc, 1A
- Rack Cards:
 - Card Cage (Rack 19") RD01
 - Power supply PSD01
 - Power Indicators IND01

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AVAILABLE MODELS

REFERENCE	DESCRIPTION	FORMAT	FIBRE	NUM. FIBRES	MAXIMUM DISTANCE	WAVE-LENGTH
MCM10-XB2	10/100 Mbps Media Converter	Type A	MM	2	2Km	1300nm
MCM10-XR2	10/100 Mbps Media Converter	Rack				
MCS10-XB3	10/100 Mbps Media Converter	Type A	SM	2	20Km ⁽³⁾	1310nm
MCS10-XR3	10/100 Mbps Media Converter	Rack				
MCS10-XB6	10/100 Mbps Media Converter	Type A				
MCS10-XR6	10/100 Mbps Media Converter	Rack				
MCM15-XB1	1000 Mbps (1Gigabit) Media Converter	Type A	MM	2	550m	850nm
MCM15-XR1	1000 Mbps (1Gigabit) Media Converter	Rack				
MCS15-XB3	1000 Mbps (1Gigabit) Media Converter	Type A	SM	2	10Km ⁽³⁾	1310nm
MCS15-XR3	1000 Mbps (1Gigabit) Media Converter	Rack				
MCS15-XB6	1000 Mbps (1Gigabit) Media Converter	Type A				
MCS15-XR6	1000 Mbps (1Gigabit) Media Converter	Rack				

⁽³⁾ Contact us for higher distances.

Box type A: 102 x 64 x 22 mm

ACCESORIES

REFERENCE	DESCRIPTION
RD01	Card Cage 2U, size 19" (for 19 rack cards)
PSD01	Power supply for Card Cage (Vin: 220Vac, Vout: 12v 8.5A)
IND01	Power indicators (occupies a unit of rack)
PRD01	Set of RD01 + PSD01 + IND01

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