

MINIMCD-10GSFP - 314006



10G Base-T to 10G Base-R media converter, SFP+ ports.

DESCRIPTION

10G Base-T to 10G Base-R media converter, SFP+ ports.
SFP+ modules not included.



KEY STRENGTHS

- 100/1G/2.5G/5G/10G BASE-T RJ45 interface with auto MDI/MDI-X function, 10GBASE-X SFP+ slot interface
- Compliant with IEEE802.3af/at protocol
- Supports auto-negotiation 100Mbps, 1Gbps half/full duplex and 2.5/5/10Gbps full duplex mode
- Extensive LED indicators for network diagnostics
- 48-57VDC Terminal Block Power Input
- Supports DIN-Rail & Wall-mount installation
- Environmentally hardened -40°C to 75°C (-40°F to 167°F) operating temperature



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SPECIFICATIONS

REFERENCE	MINIMCD-10GSFP
Code	314006
ETHERNET	
PoE Standard	IEEE802.3af/at
Forward & Filtering Rate:	100Mbps 1000Mbps 2.5Gbps 5Gbps 10Gbps
Network Cables:	10G/5G/2.5G/1G/100M BASE-T: 10G – Cat 6A/7 5G – Cat 6/6A/7 1G/2.5G – Cat 5e/6/6A/7 100M – Cat 5/5e/6/6A/7 Cat 5/5e/6/6A/7 UTP cable (100 meters, max.) EIA/TIA-568 100-ohm STP (100 meters, max.) 10GBASE-LR/SR/BX: 50/125µm or 62.5/125µm multi-mode fiber optic cable, up to 300m 9/125µm single-mode fiber optic cable, up to 80km
Processing Type:	Store-and-Forward
Fabric:	20Gbps
Jumbo Frame:	16K
Address Table:	9K entries, automatic source address learning and aging
INTERFACE	
Connector:	1 x RJ45
Optical Port:	1 x SFP+
ENVIRONMENTAL	
Operating Temperature:	-40°C to 80°C (-40°F to 176°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
Relative Humidity:	5% to 95% non-condensing
MTBF	> 200,000 hrs
ELECTRICAL AND MECHANICAL	
Input Power:	48~57VDC, Redundant Power (4-pin Terminal Block)
Power Consumption:	35W Max

PROTECTION:

Power Input Overload: Automatic Resettable

Reverse Polarity: Present

DIP SWITCH

4-digit DIP switch function



DIP	Function	Settings	
SW 1	Reserved	ON - Reserved	OFF - Reserved
SW 2	Reserved	ON - Reserved	OFF - Reserved
SW 3	Reserved	ON - Reserved	OFF - Reserved
SW 4	Reserved	ON - Reserved	OFF - Reserved

Note: DIP Switch's function can be customized based on client's requirements.

Dimensions (WxDxH): 95 x 70 x 30 mm

Weight: 0.25Kg

Casing: Aluminum Case

Mounting Options: DIN-Rail/Wall-mount

REGULATORY APPROVALS

ISO9001, CE, RoHS, FCC

EN55022:2010+AC: 2011, Class A

EN 61000-3-2: 2006+A1: 2009+A2: 2009

EN 61000-3-3: 2013

EN55024:2010

IEC 61000-4-2: 2008 (ESD)

IEC 61000-4-3: 2010 (RS)

IEC 61000-4-4: 2012 (EFT)

IEC 61000-4-5: 2014 (Surge)

IEC 61000-4-6: 2013 (CS)

IEC 61000-4-8: 2009 (PFMF)