

i-Net Networks Fiber Optic 10G 3R Media Converter



Description

The fiber optic 10G 3R media converter is XFP to XFP or SFP+ to XFP or SFP+ to SFP+ optical-electrical-optical 3R media converter for applications such as fiber-to-fiber or fiber-to-10G copper or long distance transmission.

Feature

- 3R (Re-amplification, Re-shaping, Re-timing) media converter
- Supports jumbo frame
- Supports ITUT prescribed DWDM/CWDM wavelength
- Supports DMI function for SFP+/XFP fiber module
- Supports PRBS31 pattern generator and checker function
- Supports loopback test function
- Transparent transport and very low delay
- Economic in-band management function
- Optional powerful network management (MCCH-10 chassis)
- Support hot plugging
- Full State Led display

Technical

Function:

3R (Re-amplification, Re-shaping, Re-timing)

Transmission Speed:

10Gb/s (9.95Gb/s-11.35Gb/s)

Protocol:

IEEE802.3ae (10Gbase-R/LRM)

Access Type:

10G LAN/10G WAN

Interface Type:

Type A: SFP+ to/from SFP+

Type B: SFP+ to/from XFP

Type C: XFP to/from XFP

Transmission Distance:

SFP+ module up to 40km

XFP module up to 80km

Maximum Packet Forwarding Rate:

14,880,950/s

Network Management: *(only when used with MCCH-10 chassis)*

Card type information

SFP+ or XFP module detection

SFP+ or XFP module DMI function (temp., voltage, optical power)

Link status indicator

Loopback function test

Pseudo Random Binary Sequence (PRBS) generator & check function

Rate select 10Gbase-LAN or WAN

Remote card status monitor *(only if installed in pairs)*

Power:

Rack mountable: 85~220V AC or -48V DC

Standalone: 220V AC or -48V DC

Power consumption: ≤4W

Environment:

Operating temperature: 0°C to +55°C

Storage temperature: -20°C to +70°C

Humidity: 5% to 90% (non-condensing)

Dimension:

Card: 11.5mm(W)x78mm(D)

Standalone: 156mm(W)x128mm(D)x32mm(H)

Ordering

MCM10-10G-XX-M(A) i-Net Networks Fiber Optic 10G 3R Media Converter, Standalone, Type A: SFP+ to/from SFP+

MCM10-10G-XX-M(B) i-Net Networks Fiber Optic 10G 3R Media Converter, Standalone, Type B: SFP+ to/from XFP

MCM10-10G-XX-M(C) i-Net Networks Fiber Optic 10G 3R Media Converter, Standalone, Type C: XFP to/from XFP