

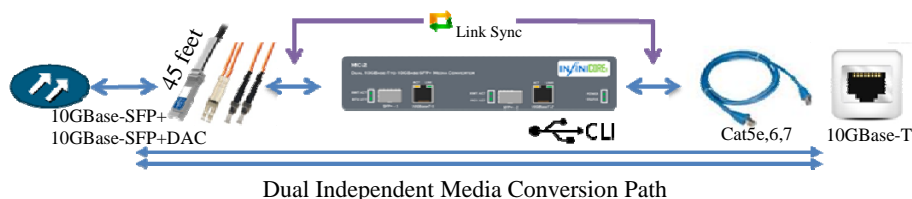


Smart 10GBase-T to 10GBase-SFP+ Media Converter-3 Datasheet

Infenicore MC-3 media converter is the next generation 10G media converter powered by a unique dual-PHY architecture. MC-3 provides a robust data path to support 10GBase-SFP+ DAC cable up to 45 feet. It is designed with a USB based CLI to provide complete visibility and control over the data path. MC-3 provides the best interoperability between 10GBase-SFP+ and 10GBase-T networks and protects investment and reduces CapEx.



- Two 10GBase-T (RJ-45) Interfaces; support cable length up to 100 meters^(note1)
- Two 10GBase-SFP+ Interfaces with support of 10GBase-SR and 10GBase-LR and Up to 45 feet Direct Attach Copper Cable
- Integrated USB based User Interface for Visibility and Device Control
- State of the art dual chip architecture with robust support of DAC cables
- Link Status Synchronization On Media Interface to support router path redundancy
- Seamlessly Connect 10GBase-T Interface to 10GBase-SFP+ Interface with zero packet loss
- Comprehensive Loopback Mode and Cable Diagnosis Information
- Integrated Distance to Fault Measurement on 10GBase-T interface
- Media path supports Active-Standby mode with auto fault detection
- PRBS31 BER Tester and 10Gbps Pattern/ Packet Generator



Interface Specification

Interface	Count	Cable Specification
10GBase-T RJ45	2	Cat5e; Cat6; Cat6a; Cat7; Up to 100 meters ^(note1)
SFP+	2	10GBase-SR; 10GBase-LR; 10GBase-ER
USB	1	USB TYPE-A to TYPE-B Cable; Up to 5 meters

Note1: Cat6/Cat6A shielded; Cat7

Package Content

Item	Count
MC-3-10G-T-SFP+ Hardware Appliance	1
AC 90-240V to 12V DC Adapter	1
USB Cable	1
Infenicore Product CD	1
Getting Started Guide and User Manual	1

Environmental Parameters

Parameter	Specification
Operating Temperature	0 to 45 C
Operating Humidity	5 to 95%
Dimension (LxWxH) Unit: mm	178x168x38
Power Consumption	15 W
Air Flow	N/A

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Order Information

Infenicore Part Number	Description
MC-3-10G-T-SFP+	MC-3 Dual Port 10G Media Converter with USB CLI support