



FiberLink 1000 Smart 1000Base-TX to 1000Base Mini-GBIC Media Converter

Features:

- Compliant with IEEE 802.3ab 1000BASE-T, IEEE802.3z 1000BASE-SX/LX Gigabit Ethernet Standards
- Provides one 1000BASE-T port, one mini-GBIC port supporting either multi-mode or single-mode fiber
- Support Full-Duplex and auto-negotiation mode for Fiber port
- Front panel diagnostic LED indications
- Provide Dip Switch to setting : Fiber (auto/manual), LLR (Enable/Disable)
- Provided 19" system chassis for up to 16-converter with Redundant Power supply for optional Expansion use

Management Features:

- Support LLCf (Link Loss Carry Forward, Link Pass Through).
- Support LLR (Link Loss Return) for Fiber port.
- Monitor the status of duplex/ link for both media via management module through Media Converter Chassis System.
- Set duplex force, LLR on/off for Fiber, ports on/off via the management module through Media Converter Chassis System.
- Provides link down source port information.

Ordering Information:

CTM-RC-00 : Smart 1000Base-TX to 1000Base Mini-GBIC Media Converter

Specification:

Standard

IEEE 802.3ab 1000BASE-T
IEEE 802.3z 1000BASE-SX
IEEE 802.3z 1000BASE-LX

Protocol

CSMA/CD

Network Media:

1000BASE-T:	4 pair Cat. 5, EIA/TIA-568 100-ohm screened twisted-pair (STP), up to 100m
1000BASE-SX:	62.5/125 μ m multi-mode fiber optic cable.
Multimode	50/125 μ m multi-mode fiber optic cable.
1000BASE-LX:	62.5/125 μ m multi-mode fiber optic cable.
Singlemode	9/125 μ m single-mode fiber optic cable.

Connector

1 x 1000BASE-T with RJ-45 port
1 x mini-GBIC port

Network Data Transfer Rate

2000Mbps (Full-duplex)

Dip Switch

Auto negotiation or Manual for Fiber
LLR enable or disable for Fiber

LED indicators

Per unit: Power,
Per port: Link/Activity

Dimension

120 x 88 x 25 mm (L*W*H)

Temperature

Operating – 0°C to 40°C
Storage – -25°C to 70°C

Humidity:

Operating – 10% to 90% RH
Storage – 5% to 90% RH

Power

7.5VDC/1.5A

Power Consumption

5.5 watts. (max.)

Registrations

FCC Class B; CE mark Class B; VCCI-B

* Product specification subject to change without notice.