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כומפניקס תקשורת ואלקטרוניקה בע"מ

רח' צבי ברגמן 8, אזה"ת סגולה, פתח-תקווה

טל: 03-9049004 פקס: 03-9344497

ח.פ. 512109968

מספר ספק משרד הביטחון: 83524121

MODEL NUMBER: 18003

RP-1000SC | RP-1000C1 |

RP-1000C2

1000Base-T to 1000Base-SX/LX Smart Gigabit Media Converter



The Media Converters supports two types of media for network connection such as 1000Base-T and 1000Base-SX/LX. The device is designed to connect these two types of segments to operate smoothly, the simplest way to interconnect any equipment's 1000Base-T port to the 1000Base-SX/LX interface networks for extended distance coverage.

Feature

Compliant with IEEE 802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet Standards

Provides one 1000Base-T port, one 1000Base-SX/LX port supporting either multi-mode or single-mode fiber up to 20Km

Supports Full Duplex and Auto-negotiation mode for Fiber port

Front panel diagnostic LED indications

Support LLCFF (Link Loss Carry Forward, Link Pass Through)

Support LLR (Link Loss Return) for Fiber port

Provides 19" system chassis for up to 16-converter with Redundant Power Supply for optional expansion use

Managment Features

Supports LLCFF (Link Loss Carry Forward, Link Pass Through)

Supports LLR (Link Loss Return) for FX port

Monitor the status of duplex/link for both media via management module MOD-MCSNMP through Media Converter hassis System (RP-MCR116)

Set duplex force, LLCFF on/off, LLR on/off for FX, ports on/off via the MOD-MCSNMP through RP-MCR116

Provides link down source port information

Ordering information

RP-1000SC	1000Base-T to SX Smart Gigabit Media Converter, MM/SC
RP-1000C1	1000Base-T to LX Smart Gigabit Media Converter, SM/10 Km
RP-1000C2	1000Base-T to LX Smart Gigabit Media Converter, SM/20 Km



Specification

Standards		IEEE 802.3ab 1000Base-T IEEE 802.3z 1000Base-SX IEEE 802.3z 1000Base-LX
Interface		1*1000Base-T with RJ45 connector 1*1000Base-SX/LX with SC connector
Media Support	1000Base-T	4 pair Cat.5e or higher, EIA/TIA-568 100-ohm twisted-pair cable, up to 100m
	1000Base-SX	50/125µm multi-mode fiber optic cable, up to 550m
	1000Base-LX	9/125µm or 10/125µm single-mode fiber optic cable, up to 20km
Protocol		CSMA/CD
Ports		1 * 1000Base-T with RJ-45 connector 1 * 1000Base-SX/LX with SC connector
Data Transfer Rate		2000Mbps (Full Duplex)
Dip Switch		Auto-negotiation or Manual for FX LLR enable or disable for FX
LED Indicators		Per unit: Power Per port: Link/Activity
Power Consumption		2.7W
Power Supply		External power Adapter DC 5V/1A 9V/700mA
Environment		Operating Temperature: 0°C~40°C Operating Humidity: 10%~90%
Dimension		120 * 88 * 25 mm
Certification		FCC, CE

Application

