

LWC-10/100/1000-WDM-S40-A

Product Specification

Lightwin

Medien Konverter

Media Converter

Partnumber: LWC-10/100/1000-WDM-S40-A

Product Features

- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-SX/LX
- TP port supports 10/100/1000Base-T auto-negotiation and auto-MDI/MDI-X
- 1000Base-LX WDM interface for up to 40km (single-mode fiber 9/125µm)
- 10/100/1000 Base-T: 4-pair Cat. 5e/6 UTP cable, up to 100 meters
- Layer 2 key Feature:
 - IEEE 802.3x Full-Duplex Flow-Control and Back-Pressure in Half-Duplex eliminate the loss of packets
 - Support auto MDI/MDI-X function
 - Store-and-Forward mechanism
 - Non-blocking full wire-speed forwarding rate
- Media conversion between 10/100/1000Base-T and 1000Base-LX WDM
- Fiber media allows:
 - Single-mode fiber using SC/WDM connector
- Compact size for working with Media Chassis
- Wall-mountable design
- LED indicators for easy network diagnose
- Compact in size, easy installation



Lightwin®
European Fibre Optic Solutions



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Beschreibung / Description

Gigabit Ethernet Konverter

Lightwin WDM Converter, 1x1000MBit Base-LX Tx: 1550nm Rx: 1310nm (Single-mode 40km) to 10/100/1000MBit, SC connector

Artikelnummer / Part number

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Specification

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Hardware Specification		
Standards		IEEE 802.3, 10Base-T IEEE 802.3u, 100Base-TX IEEE 802.3ab, 1000Base-T IEEE 802.3z, 1000Base-SX
Ports		1 x 10/100/1000Base-T port, 1 x 1000Base-LX WDM port
Copper Interface		RJ-45 port (Auto-MDI/MDI-X) Twisted Pair
Optic Interface		SC
Optic Wavelength		TX: 1310nm RX: 1550nm
Speed	Twisted-pair	
	Fiber-optic	10/20Mbps for Half/Full-Duplex,
		100/200Mbps for Half/Full Duplex
		2000Mbps for Full-Duplex
Cable	Twisted-pair	10Base-T: 2-pair UTP Cat. 3,4,5, up to 100 m
		100Base-TX: 2-pair UTP Cat. 5, up to 100 m
		1000Base-T: 4-pair STP Cat 5 up to 100m
	Fiber-optic Cable	9/125µm single-mode cable, WDM provides long distance for 40km
LED Indicator		PWR TP LINK/ACT, 1000 Fiber LINK/ACT
Power Consumption		5.6 Watts/ 19 BTU (maximum)
Power Input		DC 5V/2A
Dimensions (W x D x H)		26 x 70 x 97 mm
Operator Environment		Operating temperature: 0 to 50 degree C; Humidity: 5~90% non-condensing
Storage Environment		storage temperature: -40 to 70 degree C; Humidity: 5~90% non-condensing
Emissions		FCC Class A, CE Class A

