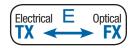


ValueLine

CWFE2SC(M)(S)2

commercial grade 10/100 Mbps Ethernet media converter





Description

The ComNet[™] CWFE2SC(M)(S)2 Ethernet media converters are designed to transmit and receive 10/100 Mbps data over multimode or single mode optical fiber. The electrical interface will Auto-Negotiate to a 10 Mbps, or 100 Mbps Ethernet rate without any adjustments. The optical interface operates at a 100 Mbps Ethernet rate. These media converters are commercial grade for light industrial use.

Applications

- 10/100 Mbps Ethernet Media Converter
- High Speed Computer Links

Features

- Commercial Grade
- 10/100 Mbps Ethernet
 - 10/100 BASE-T/TX electrical port
 - 100 BASE-FX optical port
- Electrical port supports Auto-Negotiation for 10 Mbps or 100 Mbps, full duplex or half duplex data.
- Optical port supports 100 Mbps full duplex data
- Automatic MDI/MDI-X crossover
- Distances up to: 3 km (2 miles) Multimode 30 km (18.6 miles) Single Mode
- Transparent to data encoding/compatible with major data protocols
- Ambient operating temperature range: 0° 50°C
- Voltage transient protection on all power and signal input/output lines provides unconditional protection from power surges and other voltage transient events.
- No in-field optical adjustments required
- LED Indicators
- IEEE 802.3 compliant
- 5 Year Warranty

ValueLine CWFE2SC(M)(S)2

specifications

commercial grade 10/100 Mbps Ethernet media converter

DATA

Data Interface: Data Rate: Ethernet 10/100 Mbps IEEE 802.3 Compliant Full Duplex or Half Duplex Electrical Port/ Full Duplex Optical Port

CONNECTORS

Optical: Power: Electrical:

uicai.

LED INDICATORS

Optical Link/Data Activity
Electrical Link/Data Activity
Power

2.1mm Center Positive Plug

SC. 2 Fibers

RJ45

ELECTRICAL & MECHANICAL

Power: Current Protection:

Circuit Board: Size (in./cm) (L×W×H) :

Shipping Weight:

ENVIRONMENTAL

MTBF: Operating Temp: Storage Temp: Relative Humidity:

[†] May be extended to condensation conditions



8-24 VDC @ 220 mA

Automatic Resettable

>100,000 hours 0° C to +50° C -40° C to +85° C 0% to 95% (non-condensing)[†]



NOTE: This product requires a fiber installation with a minimum 30 dB connector return loss. The use of Super Polish Connectors is recommended. Complies with FDA Performance Standard for Laser Products, Title 21, Code of Federal Regulations, Subchapter J. In a continuing effort to improve and advance technology, product specifications are subject to change without notice.

PART NUMBER	WAVELENGTH	CONNECTOR	FIBERS REQUIRED	FIBER	OPTICAL PWR BUDGET	MAX. Distance	
CWFE2SCM2 CWFE2SCS2	10/100 Mbps Ethernet (1310 nm) 10/100 Mbps Ethernet (1310 nm)	SC SC	2 2	Multimode Singlemode	10 dB 15 dB	3 km (2 miles) 30 km (18.6 miles)	
Accessories Options							





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