

Gigabit WDM Media Converter

Datasheet

MC211CS-2, MC212CS-2 (2 km)

MC211CS-20, MC212CS-20 (20 km)



Highlights

- 1× 10/100/1000Mbps Auto-Negotiation RJ45 port supports Auto-MDI/MDIX
- Auto-negotiation of Half-Duplex/Full-Duplex transfer mode
- Adopts WDM technology, transmitting and receiving data on one single fiber
- Extends fiber distance up to 2 km/20km

Overview

Omada gigabit Media Converters convert between electrical and optical signals, and easily extend the distance of an existing gigabit network. Long-range point-to-point connections are easily built with the gigabit fiber converters, ideal for connecting factory automation equipment, the network in another building, remote surveillance system, and more.

Specifications

Hardware Features & Performance

Product Picture					
Model		MC211CS-2	MC212CS-2	MC211CS-20	MC212CS-20
General	Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z			
	LED	PWR, Link/Act			
	Connector	1 SC/UPC fiber optic; 1 RJ45 jack			
	Twisted-Pair	100BASE-Tx: 2-pair UTP/STP of Cat. 5 or above (≤100 m) 1000BASE-Tx: 4-pair UTP/STP of Cat. 5e or above (≤100 m)			
	Fiber	9/125 μm single-mode fiber			
	Transmission Distance	≤2 km	≤2 km	≤20 km	≤20 km
	Wave Length	1550 nm Tx, 1310 nm Rx	1310 nm Tx, 1550 nm Rx	1550 nm Tx, 1310 nm Rx	1310 nm Tx, 1550 nm Rx
	Power	External Power Adapter: 9 V/0.6 A			
	Dimensions	94.5x73x27 mm (3.72x2.87x1.06 in)			
Physical & Environment	Operating Temperature	-5 °C to 50 °C (23 °F to 122 °F)			
	Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)			
	Operating Humidity	10% to 90% RH non-condensing			
	Storage Humidity	5% to 90% RH non-condensing			