

Media Converter

Datasheet

MC200CM, MC210CS, MC220L

MC100CM, MC110CS, MC111CS, MC112CS



MC200CM



MC210CS



MC220L



MC100CM



MC110CS



MC111CS



MC112CS

Highlights

- LED indicators provide an easy way to monitor network activity
- Fits into a MC1400 chassis
- Supports 10/100Mbps and Gigabit data transfer rates to meet a range of requirements

Overview

Omada's media converters are designed to convert between 10BASE-T/100BASE-T and 100BASE-FX, and between 1000BASE-T and 1000BASE-SX/1000BASE-LX. The media converters work at a full wire-speed forwarding rate and fit conveniently into a MC1400 chassis for easy storage.

Specifications

Hardware Features & Performance

Model		MC200CM v5.20	MC210CS v7.20	MC220L v5.20	MC100CM v6.30	MC110CS v7.30	MC111CS v7.30	MC112CS v7.30
Product Picture								
General	Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z			IEEE802.3i, IEEE802.3u			
	LED	PWR, FX Link/Act, TP Link/Act						
	Ports	SC fiber connector, RJ-45 jack		SFP port, RJ-45 jack	2 SC fiber optics; 1 RJ45 jack		1 SC fiber optic; 1 RJ45 jack	
	Cable Type	10Base-T: 2-pair UTP/STP of Cat. 3 or above (≤100m) 100Base-TX: 2-pair UTP/STP of Cat. 5 or above (≤100m) 1000Base-T: 4-pair UTP/STP of Cat. 5e or above (≤100m)			100BASE-Tx: 2-pair UTP/STP of Cat. 5 or above (≤100m) 10BASE-T: 2-pair UTP/STP of Cat. 3 or above (≤100m)			
	Power Supply	9V/0.6A						
	Fiber	62.5/125μm multi-mode fiber (≤220m); 50/125μm multi-mode fiber (≤550m)	9/125μm single-mode fiber (≤20km)	Depends on the used SFP module	62.5/125μm multi-mode (≤2km); 50/125μm multi-mode (≤2km)	9/125μm single-mode fiber (≤20km)		
	Transmission Media	Multi-mode fiber, TP	Single-mode fiber, TP	Multi/Single mode Fiber, TP	Multi-mode Fiber, TP	Single-mode Fiber, TP		
	Wave Length	850nm	1310nm	Depends on the used SFP module	1310nm	1310nm	1550nm TX, 1310nm RX	1310nm TX, 1550nm RX
	Max. Power Consumption	1.59W	2.04W	1.78W	1.19W	1.1W	1.30W	1.30W
	Dimensions	3.7 × 2.9 × 1.1 in (94.5 × 73.0 × 27.0 mm)						
	Certifications	CE, FCC						
Physical & Environment	Operating Temperature	0 °C to 50 °C (32 °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						