



N*RJ45+M*Fiber 10/100/1000Base-T to 1000Base-FX Managed



Card Type/ Stand Alone Fiber Media Converter

OP-ECxx9xxx-NM-xx



Shenzhen Optostar Optoelectronics Co., Ltd

2014. 5 (Version 2)

Item	Fiber Media Converter
Model No.	OP-ECxx9xxx-NM-xx
Description	N*RJ45+M*Fiber 10/100/1000Base-T to 1000Base-FX
 Card	 Stand Alone

Overview

OP-ECxx9xxx-NM-xx 10/100M Managed Media Converter translates 2 Port 10/100Base-TX cable to 100Base-FX, extends data transmission distance from 100m via copper cables to 2/20/40/80/100km by optic fiber. Support SNMP, Web, Telnet, and Console management function.

Features

- Compliant with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-TX, IEEE 802.3z 1000Base-FX Standards.
- 10/100/1000M, full/half duplex autosensing
- N*RJ45 ports+M*Fiber
- Supporting auto-MDI/MDIX
- Max. 2046 bytes packet at store-and-forward mode;
- Max. 9K bytes packet at cut-through mode
- Rate Limit function, 32Kbps
- Supporting Loopback, precisely locating the failure, convenient for link test
- Supporting LFP function, quickly locates the failure



- Supporting remote power off alarming
- Economical management function within bandwidth
- Supporting hot plug
- Easy installation with complete LED indicators for working situation
- With powerful network management function, supporting WEB and SNMP
- 19" 2U chassis (OP-F11/OP-F12) mounted and Stand alone

Application

- Telecommunications
- LAN / WAN/ FTTX / CATV Networks
- ISP Backhaul Networking

Technical Indexes

Parameter	Specifications
Access mode	10/100/1000Mbps
Standard	IEEE802.3 ,IEEE802.3u,IEEE802.3Z,IEEE802.3x
Fiber Port	Fiber Mode: MMF, SMF, Bi-Di Wavelength: 850,1310nm,1550nm Fiber Connector: SC as default, FC/ST/LC Optional Distance: From 0~120km
Electrics Interface	UTP cable N*RJ45 Connector+M*Fiber
LED indicator	PWR,LFP,TPLNK,FXLNK,DUP,100M,1000M
Power Dissipation	<3W
Stability	Operating properly during 48 hours in temperature of 55°C and humidity of 95%,
Environment	Operating temperature:0 ~ 55°C Operating humidity:5%~90% non-condensing
Dimensions	113mm (W)×77mm(D)×23 mm(H) (Card) 156mm (W)×128mm(D)×32 mm(H) (standalone)

Order Information

Model No.	Description
OP-ECM53212-NM-2	N*RJ45+M*Fiber Ports,10/100/1000M,MMF,1310nm,SC,2KM,Card Type
OP-ECM23211-NM-2	N*RJ45+M*Fiber Ports,10/100/1000M,MMF,1310nm,SC,2KM, Internal AC220V,Stand Alone
OP-ECS53212-NM-20	N*RJ45+M*Fiber Ports,10/100/1000M,SMF,1310nm,SC,20KM,Card Type
OP-ECS23211-NM-20	N*RJ45+M*Fiber Ports,10/100/1000M,SMF,1310nm,SC,20KM, Internal AC220V ,Stand Alone
OP-ECS53512-NM-20	N*RJ45+M*Fiber Ports,10/100/1000M,Bi-di,TX1310/RX1550nm,SC,20KM,Card Type



OP-ECS23511-NM-20	N*RJ45+M*Fiber Ports, 10/100/1000M,Bi-di,TX1310/RX1550nm,SC,20KM,Internal C220V ,Alone
OP-ECS53712-NM-20	N*RJ45+M*Fiber Ports, 10/100/1000M,Bi-di,TX11550/RX310nm,SC,20KM,Card Type
OP-ECS23711-NM-20	N*RJ45+M*Fiber Ports, 10/100/1000M,Bi-di,TX11550/RX310nm,SC,20KM,Internal AC220V,Stand Alone

Relative Product

16 Slot Chassis System for Card Type						
OP-F11-220	16 Slot Chassis with double AC220V Power Supply, for Card Type					
OP-F11-48	16 Slot Chassis with double DC48V Power Supply, for Card Type					
OP-ECM53211-2	10/100/1000M	MMF	1310nm	SC	2km	Card
OP-ECS53211-20	10/100/1000M	SMF	1310nm	SC	20km	Card
OP-ECS53511-20	10/100/1000M	Bi-di	TX1310/RX1550nm	SC	20km	Card
OP-ECS53711-20	10/100/1000M	Bi-di	TX1550/RX1310nm	SC	20km	Card
14 Slot Chassis System For Standalone Type						
OP-F12-220	14 Slot Chassis with double AC220V Power Supply, for standalone type					
OP-F12-48	14 Slot Chassis with double DC48V Power Supply, for standalone type					
OP-ECM23211-2	10/100/1000M	MMF	1310nm	SC	2km	Standalone
OP-ECM23211-20	10/100/1000M	SMF	1310nm	SC	20km	Standalone
OP-ECM23511-20	10/100/1000M	Bi-di	TX1310/RX1550nm	SC	20km	Standalone
OP-ECM23711-20	10/100/1000M	Bi-di	TX1550/RX1310nm	SC	20km	Standalone

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