

Melbye Raycore Taiwan Co., Ltd

Specification of Fiber Media Converter, non-Managed

Part Number: AMCN-WF5x-xx1xx-0x



Raycore is a fiber optic product brand name of Melbye Skandinavia AS.



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10/100 Base-TX x5 Port – 100 Base-FX x1 Port Series



(Without Fiber Tray)



(With Fiber Tray)

1. Descriptions

The Fiber Media Converter is five 10/100 Base-TX Fast Ethernet and one 100 Base-FX non-managed stand-alone converter.

To ensure a flexible installation, the converter can be supplied with a fiber handling tray.

2. Specifications

Interface

- **LAN**
 - RJ-45 Port: 10/100 Base-TX x4 Port
 - RJ-45 Port: 10/100 Base-TX TM port (TM: Telemetry services)
- **WAN**
 - Fiber Port: 100 Base-FX 1x9 Dual or Bidi SC connector x1Port
 - Fiber Length: Dual-Type: 2km (MMF) and 20km/40km (SMF);
Bidi-Type: 20km/40km (SMF)

Standard compliance

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX/FX
- IEEE 802.3x Flow Control

Security & Authentication Features (Option)

- Support Fix VLAN, specific LAN port talks to the WAN port only
- Support Fix QoS per port
- VLAN VID setting and QoS (follow SPP standard)
 - Port 1 – VLAN ID 2 – Priority level 1 (Internet)
 - Port 2 – VLAN ID 3 – Priority level 5 (IPTV)
 - Port 3 – VLAN ID 4 – Priority level 7 (VoIP)
 - Port 4 – VLAN ID 5 – Priority level 5 (IPTV)
 - Port 5 – VLAN ID 6 – Priority level 3 (Telemetry)

Hardware

- LED Indicators:
 - Power x1: Blue LED
 - FX LINK/ACT/Speed x1: Blue LED
 - LAN 1-4 LINK/ACT x4: Blue LED
 - LAN 1-4 Speed x4: Green/Off LED (100M/10M)
 - TM LINK/ACT x1: Green LED
- Support Auto-negotiation for TP Port (10M/100M and Full/Half mode)
- Support Auto MDI/MDIX auto-crossover for TP ports
- Operate in store and forward mode
- Support Flow Control (Default: disable)
- Support 1K MAC Address Table
- Support 1.6K bytes Frame size

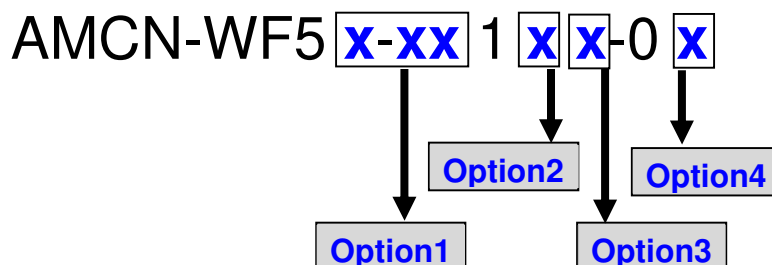
Environmental & Physical

- Installation: Desk Top/Wall Mounting/Magnet Wall Mounting
- Dimension: 115mm x 90mm x 33mm (LxWxH) (without fiber tray)
195mm x 90mm x 38.5mm (LxWxH) (with fiber tray B)
180mm x 90mm x 44.5mm (LxWxH) (with fiber tray A)
- Operating Temperature: 0~50°C
- Storage Temperature: 0~70°C
- Humidity: 20~80% non-condensing
- Power Consumption: <4W
- Power Input: DC Jack, 12VDC/1A

- MTBF: 100,000 h (25°C)
- Compliance: RoHS
- Certification: CE

3. Ordering Information:

Part Number	Description
AMCN-WF5 x-xx 1 xx -0 x	Fiber Media Converter, non-Managed, 10/100 Base-TX x5 Port – 100 Base-FX x1 Port Series



Option1:

Option Code	Option Descriptions
B-13	1x9 Dual SC, 1310nm MMF 2km
M-13	1x9 Dual SC, 1310nm SMF 20km
D-13	1x9 Dual SC, 1310nm SMF 40km
M-35	1x9 Bidi SC, T1310nm/R1550nm SMF 20km
D-35	1x9 Bidi SC, T1310nm/R1550nm SMF 40km

Option2:

Option Code	Option Descriptions
1	With Fiber Tray B (thin)
A	With Fiber Tray A (thick)
0	Without Fiber Tray
2	Without Fiber Tray, with Magnet Bracket
3	Without Fiber Tray, with Wall Mount Bracket

Option3:

Option Code	Option Descriptions
1	100-240V/50-60Hz, 12V/1A, US (Type A), Black
2	100-240V/50-60Hz, 12V/1A, EU (Type C), White
3	100-240V/50-60Hz, 12V/1A, EU (Type C), Black

Option4:

Supplier PN	Option Descriptions
0	Firmware: Standard
2	Firmware: Fix VLAN + QoS