MELBYE

RAYCORE

Q3-S191 V5.1E

Specification of Fiber Media Converter

non-Managed

Part Number: AMCN-WT1x-xx1xx-00

MELBYE

| (Without Fiber Tray) | (With Fiber Tray) |

The Fiber Media Converter is one 10/100/1000 Base-T Gigabit Ethernet and one 100/1000 Base-X non-managed stand-alone converter.

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

Specifications

Interface

- LAN
  - ➤ RJ-45 Port: 10/100/1000 Base-T 1 port
- WAN
  - ➤ Fiber Port: Twin-Rate 100/1000 Base-X 1x9 Dual or Bidi SC connector
  - ➤ Fiber Length: Dual-Type: 2km (MMF) and 20km/40km (SMF);
                    Bidi-Type: 20km/40km (SMF)

Standard compliance

- Support IEEE 802.3 10BASE-T
- Support IEEE 802.3u 100BASE-TX/FX
- Support IEEE 802.3ab 1000BASE-T
- Support IEEE 802.3z 1000BASE-X
- Support IEEE 802.3x Flow Control

Hardware

- LED Indicators:
    - ➤ Power x1: Blue LED
    - ➤ FX LINK/ACT x1: Blue LED
    - ➤ FX Speed x1: Orange/Green LED (1000M/100M)
    - ➤ LAN LINK/ACT x1: Blue LED
    - ➤ LAN Speed x1: Orange/Green/Off LED (1000M/100M/10M)
- Support Auto-negotiation for TP Port (10M/100M/1000M and Full/Half mode)
- Support Auto MDI/MDIX auto-crossover for TP ports
- Operate in store and forward mode
- Support Flow Control
- Support 1K MAC Address Table
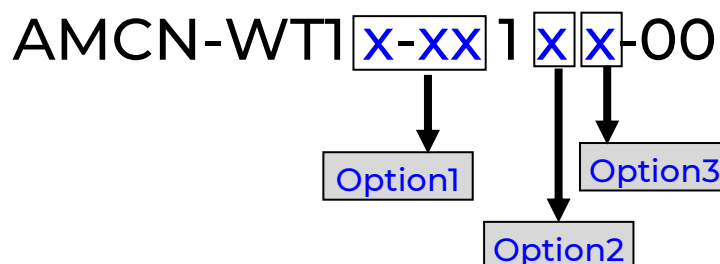- Support 9K bytes Jumbo frame (Optional)

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℃
- Storage Temperature: 0~70℃
- Humidity: 20~80% non-condensing
- Power Consumption: <6W
- Power Input: DC Jack, 12VDC/1A
- MTBF: 100,000 h (25℃)
- Compliance: RoHS
- Certification: CE

Ordering Information

Part Number	Description
AMCN-WT1x-xx1xx-00	Fiber Media Converter, non-Managed, 10/100/1000 Base-T x1 Port – 100/1000 Base-X x1 Port Series

AMCN-WT1x-xx1xx-00

Option1 → (x-xx)

Option2 → (x)

Option3 → (x)

Option1:

Option Code	Option Descriptions
S-85	1x9 Dual SC, 850nm MMF 550m
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