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RAYCORE

Q3-S269 V5.1E

Specification of Non-Manageable

Gigabit Fiber Media Converter, 5 Ports

10/100/1000Base-T to 1000Base-X

Part Number: ATFN-xT5x-xxxxx-00

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Media Converter with Fiber Tray   **Media Converter stand-alone**   **Fiber tray**

Raycore's Fiber Media Converter is 5ports Gigabit Ethernet and 1000Base-X non-managed stand-alone converter

To ensure a flexible installation, Raycore's converter can be supplied with a fiber handling tray.

Specifications

Interface

- TP Port
  - ➢ 10/100/1000Base-TX RJ-45 5 ports
- Fiber Port
  - ➢ Fiber Port: 1000Base-FX x1

Standard compliance

- Support IEEE 802.3 10BASE-T
- Support IEEE 802.3u 100BASE-TX
- Support IEEE 802.3ab 1000BASE-T
- Support IEEE 802.3z 1000BASE-X
- Support IEEE 802.3x Flow Control (default disable)

Hardware

- LED Indicators:
  - ➢ Power x1: Green LED
  - ➢ FX LINK/ACT x1: Green LED
  - ➢ LAN LINK/ACT on LAN port: LINK/Light, ACT/Flash, Green LED
  - ➢ LAN Speed on LAN port: Light 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
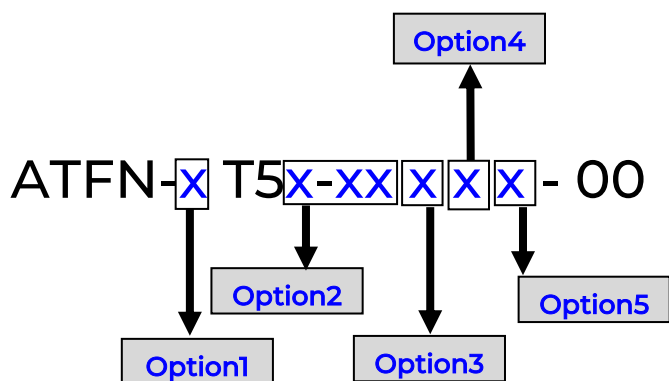- Support 9K bytes Jumbo frame

Environmental & Physical

- Installation: Desk Top/Wall Mounting/Magnet Wall Mounting
- Dimension: 115mm x 73mm x 23mm (LxWxH) (without fiber tray)
  198mm x 73mm x 35.6mm (LxWxH) (with fiber tray)
- Operating Temperature: 0 - 50℃
- Storage Temperature: 0 - 70℃
- Humidity: 20-80% non-condensing
- Power Consumption: < 2.5W
- Power Input: DC Jack, 12VDC/1A
- MTBF: 100,000 h (25℃)
- Compliance: RoHS
- Certification: FCC/CE

Ordering Information

Part Number	Description
ATFN- xT5x-xxxxx-00	Non-Manageable Gigabit Fiber Media Converter, 5ports 10/100/1000Base-T to 1000Base-X

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ATFN-X T5X-XXXXX - 00

Option4 → (pointing to the part after T5)

Option1 → (first X after ATFN-)

Option2 → (X after T5)

Option3 → (XX part)

Option5 → (last X)

Option1:

Option Code	Option Descriptions
C	Transform Black
A	Transform White

Option2:

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
0-00	SFP Cage Only

Option3:

Option Code	Option Descriptions
1	1X9 Dual SC
4	SFP Bidi SC
5	SFP Bidi LC
6	SFP Dual LC
9	SFP Cage only

Option4:

Option Code	Option Descriptions
0	Without Fiber Tray
1	With Fiber Tray
2	Without Fiber Tray, with Magnet Bracket
3	Without Fiber Tray, with Wall Mount Bracket

Option5:

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

This ATFN-xT5x-xxxxx series 5ports converter is used for FTTH home CPE application and can connect to any head end side access switches and converters. If you connect two 5ports converters with each other, the Twin-Rate function cannot be guaranteed.