

ADTRAN FTE7502

Product Specifications

Physical Specifications

- **Dimension:** 16.9 in. x 6.7 in. x 1.7 in. (430 mm x 170 mm x 43.5 mm) (W x D x H)
- **Weight:** 5lbs (~2.5kg)

Power

- **Input Voltage:** Redundant AC 100V to 240V (50/60Hz ±1Hz)
- **Power Consumption:** 15W (max)
- **Power Supply:** Redundancy 2 AC inputs

Environment

- **Operating Temperature:** 32-104°F (0-40°C)
- **Operating Humidity:** 10-90% RH (non-condensing)

Standards

- **EMI:** FCC Part15 Class A, ICES-003 Class A
- **MEF:** MEF 9 & 14 Capable
- **DPoE™:** DPoE 1.0 Capable
- **Safety:** UL/CSA 60950-1, IEC 60950-1 & 60825-1
- **Laser:** FDA 21CFR 1040.10, 1040.11, IEC60825
- **Lightning Surge:** CISPR24

IEEE Standards

- IEEE 802.3z (1000BASE-X)
- IEEE 802.3ae (10GBASE-R)
- IEEE 803.3x (flow control)
- IEEE 802.3av (10G-EPON)
- IEEE 802.1D (MAC Bridges)
- IEEE 802.1p (QoS priority)
- IEEE 802.1Q (VLAN tagging)

Subscriber Interface

- **Number of Ports:** 1 port (10G or 1G)
- **Transceiver:** SFP+ (10Gbps) or SFP (1Gbps)
- **Standard:** 10GBASE-R or 1000BASE-X
- **Output Power:** 1W (max)

PON Interface

- **Number of Ports:** 1 port
- **Connector:** SC Connector
- **Standard Optics:** 10GBASE-PR-U3
- **Transmission Wavelength:** 1260 ~ 1280 nm
- **Optical Output Power:** +4.0 ~ +9.0 dBm
- **Extinction Ratio:** more than 6dB
- **Reception Wavelength:** 1575 ~ 1580 nm
- **Optical Input Power (@BER ~ 1x10⁻¹², with FEC):** -10 to -28.5dBm ~ @Extinction ratio 9 dB

Ordering Information

Equipment	Part No.
ADTRAN FTE7502 EPON 10G ONU	176FTE7502F1



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