



FTTMax™ 5000 Optical Network Unit (ONU)

Specifications

GEPON Network Interface

Data Rate	Symmetrical: 1.25 Gbps Asymmetrical: 2.5 Gbps x 1.25 Gbps (Turbo Mode)
Wavelength	1490 nm (receive), 1310 nm (transmit)
Launch Power	-1 to 4 dBm, average
Optical Sensitivity	-25 dBm (PX10), -26.5 dBm (PX20)
Connector	1000Base-PX/U, SC/PC

Subscriber Ethernet Interfaces

Ethernet Port	Auto-negotiation
Connectors	One 10/100 Base-TX and one 10/100/1000 Base-T, Two RJ45s Four 10/100 Base-TX, Four RJ45s

EPON Mac Specifications

Compliance	IEEE 802.3ah 1000Base-PX/U standard
Features	Multiple queue management; upstream bandwidth management support: DBA and flow control; multiple LLID support; downstream encryption support

Layer 2 Specifications

Compliance	IEEE 802.1p/q, IEEE 802.1D, IEEE 802.3x support
Features	IGMP snooping support; RSTP, MAC-filtering, rate-limiting support; VLAN support

Electrical Specifications

Power Supply	5 VDC (external AC/DC adapter)
AC Adapter Input	100 to 240 V AC (auto-ranging), 50 to 60 Hz

Mechanical Specifications

Dimensions (H x W x D)	3.05 cm (1.2 in) x 13.97 cm (5.5 in) x 14.99 cm (5.9 in)
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Environmental Specifications

Operating Temperature	0° C (32° F) to 50° C (122° F)
Humidity	5 to 85% relative

General Compliance

EMI	FCC
Safety	CE

Other Features

QoS	Line-rate layer 2/3/4-filtering and classification; multiple queue and Strict Priority (SP) support
Operations, Administration, and Maintenance	Provision and monitor with existing DOCSIS back-office systems already in use for residential services; remote firmware and software upgrades to support new features; CLI interface from the DOCSIS Configuration System (DCI); in-band management support through the FTTMax5000 OLT; enhanced loopback support; auto-discovery and auto-provisioning

Technical Specification

Specifications are subject to change without notice.

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