



FTTMax™ Gigabit EPON

FTTMax EPON Optical Line Terminal (FTTMax EPON OLT)



- High density application modules (20 PON ports/2RU) with management and power connections through the chassis backplane
- Each module has
 - Two independent 802.3ah compliant Gigabit PON ports that accept EPON SFP optics for flexibility and ease of sparing
 - Two 1000base-T uplink ports with interface to an external Layer 2/3 switch configurable to serve one or both PON ports, providing options for protection and scalability
- Supports symmetric 1 Gb/s downstream and upstream or 2 Gb/s downstream, 1 Gb/s upstream for high bandwidth business and residential services
- DOCSIS® Control Interface (DC I) works with common DOCSIS provisioning and monitoring systems for seamless BSS/OSS functionality
- Full family of ONUs for data only, triple play, and business services

Today's cable operators need to make sure that instead of just building a fatter pipe, they are also building a smarter pipe - one designed to optimize bandwidth capacity and performance to efficiently transport next-generation voice, high-speed data, and video with on demand services. Cable operators need a full range of modular, interoperable access products and solutions, in order to grow and manage their network, while ensuring scalability, flexibility, and reliability.

Add Value to Existing Network Infrastructure

The FTTMax EPON OLT extends the performance and versatility of the ARRIS CHP Max5000® headend platform for Gigabit Ethernet PON applications. The FTTMax EPON OLT is a single wide application module for the CHP Max5000 platform with two PON ports per module. Cable operators can now provide high speed data services to small/medium businesses and high end residential subscribers in the same way they provide services to their HFC subscribers - increasing revenue, decreasing CAPEX and adding value to their investment.

Maintain Competitive Advantage

User data rates up to 1 Gb/s down and 1 Gb/s up or 2 Gb/s down and 1 Gb/s up are available, providing cable operators with bandwidth parity against competitive telco systems for business services or high end residential applications. ARRIS provides a family of EPON customer premises ONUs for residential and commercial applications, including data only, triple play, and business service models.

Reduce Operational Complexity

The FTTMax EPON OLT electronics are based on standards developed by IEEE, allowing operators to deploy gigabit speed data services using existing provisioning and billing backoffice functions. The FTTMax DOCSIS Control Interface (DCI) for subscriber service provisioning and system management works with common DOCSIS provisioning systems. Detection and monitoring of the EPON ONUs is done seamlessly, with the same look and feel as the existing back office and billing system solutions.

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FTTMax EPON OLT Model Number Configurator								
CHP	-	UUU	-	GG	-	X	-	Y
UUU	OLT	Optical Line Terminal						
	ONU	Optical Network Unit						
GG	02	Number of OLT ports						
X	S	SFP port for OLT						
Y	E	Electrical, RJ45 for Switch						
Current Model Numbers								
Model Number		Description						
CHP-OLT-02-S-E		CHP EPON OLT 2 GB SFP ports (for PON), Electrical (RJ45 for switch)						

Chassis, power supplies, SFP modules ordered separately.

www.arrisi.com

Find more information about the FTTMax EPON OLT

- FTTMax EPON OLT Technical Specifications

Customer Care

Contact Customer Care for product information and sales

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