

OLT3710-16XG2T OLT

1U Rack Mount, Optical Access & FTTx Network



Overview

OLT3710-16XG2T is a multi-service unified bearer platform, providing GPON and XG(S)-PON access. It is easy to install and maintain a GPON deployment. With FS's Optical Network Unit (ONU), the OLT3710-16XG2T can provide highly-effective PON solutions and convenient management for broadband networks.

FS's OLT3710-16XG2T provides a high bandwidth of up to 2.5Gbps and 10Gbps upstream and 10Gbps downstream. It is a cost-effective access technology with a reliable and scalable network.

Highlights

- Dual Power Supply Ensures Stable Operation of the Equipment
- G.984/987/9807/988 Standards Ensure Compatibility with Mainstream ONU Equipment
- Automatically Discover and Compatible with ONT Devices from Different Manufacturers
- Each Business Board Supports Hot Swap with the Modular Design
- Low Power Consumption Reduces Business Operating Costs
- Supports Automatic Link Protection Switching when Fiber Failure Occurs
- Supports Dual AC, Dual DC and AC/DC Hybrid Dual Power Supplies and EMC Level 3

Product Specifications

Parameter	Description
PON Ports	16x XG(S)PON Ports
Uplink Ports	8x 10G SFP+, 2x 100G QSFP28
Transmission Speed	Downstream 10Gbps, Upstream 2.5Gbps/10Gbps
Optical Split Ratio	Up to 256
Multicast	L2 multicast IGMP snooping
VLAN	4K VLAN QinQ and flexible QinQ
Qos	Backpressure flow control (half duplex) IEEE 802.3x flow control (full duplex) IEEE 802.1p, CoS WRR, SP and FIFO queue schedule Limiting the uplink/downlink rate based on each ONU DBA and SLA
Operating Temperature	0°C to 45 °C
Storge Temperature	-40°C to 80°C
Operating Humidity	10% to 85% (non-condensation)
Storage Humidity	5% to 95% (non-condensation)
Management Types	WEB, CLI, SNMP, and TELNET
Power Supply	100VAC~240VAC, DC 36 ~ 72V
Dimensions (WxDxH)	442.5x280x44mm(without hanging ears) 482.6x280x44mm(with hanging ears)
Standards	ITU-T G.984/G.987/G.9807/G.988 IEEE 802.1D, Spanning Tree IEEE 802.1Q, VLAN IEEE 802.1w, RSTP IEEE 802.3ad physical link static/ dynamic aggregation (LACP), Ethernet - II

Product Specifications

Parameter	Description
Network Security	Flow-based ACL
	Limit the maximum number of users per port
	Port isolation
	Packet storm control
	Transmission data encryption on the PON interface
Reliability	Unidirectional Link Detection (UDLD)
	Hot swap of the PON optical module
	Optical path protection of PON (type B/C)
	Abnormal luminescence ONU detection such as long luminescence