

OLT2T0



PART NAME	OLT2T0
DESCRIPTION	OLT 1RU with 8 x PON MPM ports (GPON+XGS-PON), 4 x GE/10GE, 2 x 100GE with trident power connectors <ul style="list-style-type: none">• MPM NOT included,• GbE/10GbE SFP/SFP+ NOT included• 100GE QSFP28 NOT included
ETSI 19" Rack Size	1 U
Equipment Size (HxWxD) mm /"	44 x 485 x 240 / 1.7 x 19.1 x 9.4
Package Size (HxWxD) mm /"	120 x 570 x 350 / 4.7 x 22.4 x 13.8
Net Weight (Kg/lb)	3.4 / 7.5
Package Weight (Kg/lb)	4.0 / 8.8
Packaging	1x OLT2T0
FEATURES & SPECIFICATIONS	
Power	48VDC input voltage Voltage range: -40.50VDC to -57VDC (AC power feed as an option)
Temperature	-40°C to +65°C
Humidity	5 - 95% of Relative Humidity range
Power Consumption (W @ -48VDC)	110
COMPLIANCE	
Power	ETSI EN 300 132-2 V2.1.1 (2003-01) recommendation
Earth connections	ETSI ETS 300 253: January 1995 recommendation
EMC	ETSI EN 300 386
Environmental Conditions	Complies with considered equivalent to ATIS-0600010.01.2008 Class 2, Harsh – Protected Environment
INTERFACES	
PON MPM ports (GPON+XGS-PON)	8x
Optical 1GE/10GE ports	4x
Optical 100GE ports	2x
Electrical ETH ports	2x 10/100Base-T (Out of Band Management)
Mini USB port (DBG)	1x Serial debug port, exclusively for factory configuration
USB port type A (DBG AUX)	1x USB Aux; Mass storage port, exclusively for system recovery with the assistance of the support team
Alarm interface	1x RJ45 interface for alarm I/O: 4x inputs and 2x outputs
Synchronism interface ToD	1x RJ45 interface
Synchronism interface BITS	1x RJ45 interface for synchronism interfaces (SYNC-E, PTP/IEEE 1588v2, GNSS(Global Navigation Satellite System))

Alice Labs
Represented by:



Metrosystems AG
Hubstrasse 101
CH-9500 Wil SG / Switzerland
www.alticelabs.ch
www.metrosystems.com

All specifications subject to change without notice.

26th January 2023

ALB PID ONT SFU XGS-PON 10G – XSS0100K EN V3