



Earth-XGS-1000

Latest XGPON ONT

Product Description

Earth XGS series is our most compact device. Format and design for XGSPON is built to fit the market demands in most optimal way, and provides High quality service of Internet.

Product Features

- » Simple fiber termination
- » Power ON/OFF button, Reset button
- » Fiber port with 9.95328Gbps/9.95328Gbps link speed
- » 1x 10GE
- » ONT Broadcast and loop protection

A perfect fit for every deployment scenario...

Earth XGS 1000 is a part of our EARTH Product family and has been developed in such a way that it can be integrated into various deployment models including single dwelling and multi dwelling scenarios. Using products from the EARTH family, the demarcation point can be extended to any desired location in the home, enabling easy access and installation of services. Its small size makes the product a perfect fit in any environment, be it a living room, metering cabinet or basement.

PRODUCT FEATURES AND SPECIFICATIONS

Earth-XGS-1000

General Specifications

- » Dimensions
90mm(L) × 73mm(W) × 25.2mm(H)
- » Power supply voltage 12 Vdc ± 5%, 0.5A
- » Power consumption typ. 15W
- » Operating temperature 0 - 50 °C
- » Storage temperature -40 - 70 °C

User interfaces

- 1x 10 Gigabit Ethernet (GE) Ports
- 1x XGSPON Port
- 1x Power connector

Standards

- » Open OMCI
- » Compliant with ITU-T G.9807.1
- » Compliant with ITU-T G.988 OMCI
- » Compliant with SFF-8472
- » Compliant with IEEE 802.3 Ethernet
- » Class B+ optics support
- » Compliant with 802.1 q/p VLANs

LAN interface(s)

- » Compliant with IEEE 802.3 (u & az)
Clause 40 (1000/100/10BASE-T)
- » LED indicators for link and activity

Management

- » OMCI
- » CLI
- » TR-069 support
- » Advanced GUI
- » FCC and CCC supported
- » Safety :
 - IEC 6050
 - UL94HB flammability class
- » Laser Safety :
 - IEC EN 60825 class 1
 - FDA 21 CFR 1040.10 /11 Class 1
- » Emission and Immunity :
 - EN 55022/ CISPR 22:2008, Class B
 - EN 61000
 - EN 550024

Earth family product models

Model	Type	LAN Interface	Voice/POTS	WiFi
Earth-XGS-1000	XGSPON ONT	1x 10GE	No	No