



V-SOL

V2801F

Datasheet v1.0



- ✓ Dual Mode
- ✓ Bridging Mode
- ✓ Configuration free, plug and play, easy to use



Product overview

G/EPON 1GE Modular ONT is support Dual mode(EPON and GPON), It can also be applied to a wide temperature environment.

The box is based on the mature Gigabit GPON/EPON technology, highly reliable and easy to maintain. And it is fully compliant with technical regulations such as ITU-T G.984.x and IEEE802.3ah.

Product	User interface	Main chipset
V2801F	1GE(SFP)	RTL9601C

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functional characteristics

Satisfactory standard

- ◆ Meet IEEE802.3ah standard
- ◆ Meet ITU-T G.984.x
- ◆ Meet China's CTC3.0 standards

SFU ONU

- ◆ Bridging mode
- ◆ Well connect with OLTs of mainstream(Huawei/ZTE)

Layer2

- ◆ 802.1D&802.1ad bridging
- ◆ 802.1p CoS

Layer3

- ◆ IPv4
- ◆ Forwarding PPPoE package

Multicast

- ◆ Forwarding IGMPv2/v3 package

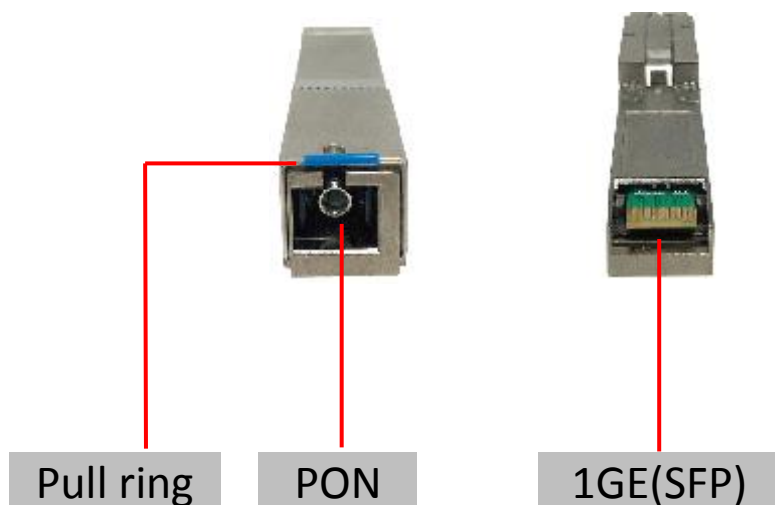


technical indicator

Technical item	1GE(SFP) ONU
Optical interface	1 SC/UPC connector, PX20+ and Class B+ Receiving sensitivity: $\leq -28\text{dBm}$ Transmitting optical power: $0 \sim +4\text{dBm}$ Transmission distance: 20KM
Wavelength	Tx 1310nm, Rx 1490nm
LAN interface	1x 1000Mbps Ethernet interfaces, Full, SFP connector
LED	NC
Operating condition	Temperature: $0^{\circ}\text{C} \sim 50^{\circ}\text{C}$ Humidity: $10\% \sim 90\%$ (non-condensing)
Storing condition	Temperature : $-30^{\circ}\text{C} \sim 60^{\circ}\text{C}$ Humidity : $10\% \sim 90\%$ (non-condensing)
Power supply	DC3.3V
Power consumption	$\leq 4\text{W}$
Dimension	14.1mm×79mm×13.6mm (H×W×D)
Net weight	35g



functional characteristics



Typical application diagram



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