



## V2802U

1\*XPON+1\*2.5GbE+1\*Type-A(Default) or Type-C(Customizable) Portable ONU

### Key Features:



**XPON Dual Mode**  
Automatically Access to  
EPON/GPON



2.5GbE LAN port



Two-in-one port  
support power supply and  
Internet access



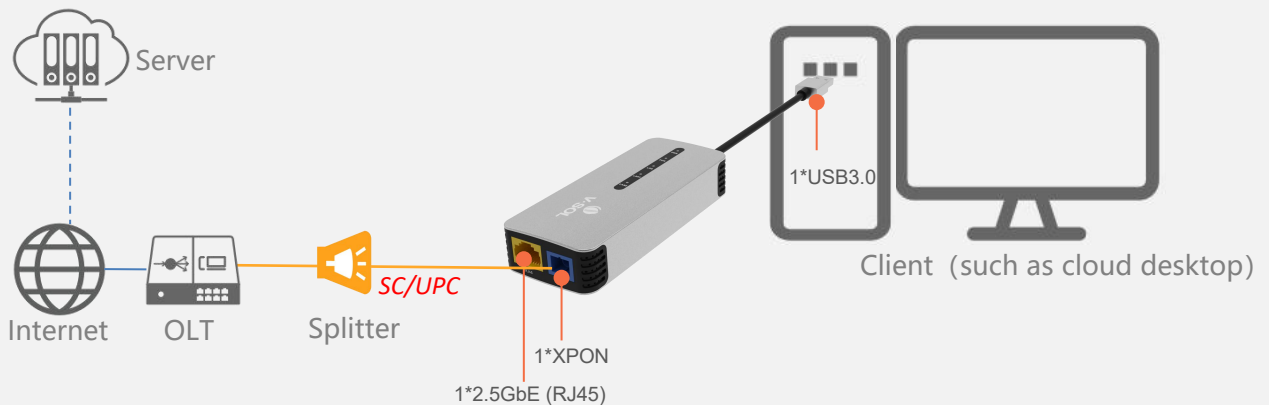
Wide Working Temp  
-10°C~+55°C

### Introduction:

V2802U (XPON 1\*2.5GbE+1\*Type-A(Default) or Type-C(Customizable) ONU) is a small portable access device designed for FTTH (desktop) access and other needs. This ONU is based on a high-performance chip solution and has a 2.5GbE port, which can provide users with a high-speed network experience and truly realize Gigabit to the desktop. There is a Type-A(Default) or Type-C(Customizable) port, which can be used for both power supply and data transmission, eliminating the need for external power supply or optical composite cable power supply, and is cost-effective, for terminals without RJ45 network interfaces, this interface can be directly connected without the need for additional network port expansion docks, which is more convenient.

The main shell of this ONT is made of aluminum alloy and is integrated into one piece, which has high reliability. The two ends are made of ABS material and have heat dissipation holes, so it can be used in environments with a wide temperature range.

### Application Chart:



## ○ Hardware Parameter

Dimension	110mm×45mm×20mm(L×W×H)
Net weight	0.1Kg
Operating condition	<ul style="list-style-type: none"> <li>• Operating temp: -10 ~ +55°C</li> <li>• Operating humidity: 5 ~ 95% (non-condensing)</li> </ul>
Storing condition	<ul style="list-style-type: none"> <li>• Storing temp: -40 ~ +70°C</li> <li>• Storing humidity: 5~ 95% (non-condensing)</li> </ul>
Interfaces	1*2.5GbE+1*Type-A(Default) or Type-C(Customizable)
Indicators	PWR, PON, LOS, WAN, LAN

## ○ Interface Parameter

PON interface	<ul style="list-style-type: none"> <li>• 1 XPON port(EPON PX20+ &amp; GPON Class B+)</li> <li>• SC single mode, SC/UPC connector</li> <li>• TX optical power: 0~+4dBm</li> <li>• RX sensitivity: -27dBm</li> <li>• Overload optical power: -3dBm(EPON) or -8dBm(GPON)</li> <li>• Transmission distance: 20KM</li> <li>• Wavelength: TX 1310nm, RX1490nm</li> </ul>
LAN interface	1*2.5GbE, Auto-negotiation RJ45 connectors
USB3.0 interface	1*Type-A(Default) or Type-C(Customizable) , powered and data transmission through this port

## ○ Product Feature

Internet connection	<ul style="list-style-type: none"> <li>• Support Bridge mode</li> </ul>
Alarm	<ul style="list-style-type: none"> <li>• Support Dying Gasp</li> <li>• Support Port Loop Detect</li> </ul>
LAN	<ul style="list-style-type: none"> <li>• Support Port rate limiting</li> <li>• Support Loop detection</li> <li>• Support Flow control</li> <li>• Support Storm control</li> </ul>
VLAN	<ul style="list-style-type: none"> <li>• Support VLAN tag mode</li> <li>• Support VLAN transparent mode</li> <li>• Support VLAN trunk mode</li> <li>• Support VLAN hybrid mode</li> </ul>
Multicast	<ul style="list-style-type: none"> <li>• IGMPv1/v2/Snooping</li> <li>• Support multicast protocol VLAN and multicast data stripping</li> <li>• Support multicast translation function</li> </ul>
QoS	<ul style="list-style-type: none"> <li>• Support WRR、SP+WRR</li> </ul>
O&M	<ul style="list-style-type: none"> <li>• WEB/TELNET/SSH/OMCI</li> <li>• Support private OMCI protocol and Unified network management of VSOL OLT</li> </ul>
Firewall	<ul style="list-style-type: none"> <li>• Support IP address and port filtering function</li> </ul>
Other	<ul style="list-style-type: none"> <li>• Support log function</li> </ul>

### Ordering Information:

Product Name	Product Description	Accessories
V2802U	1*XPON+1*2.5GbE+Type-A(Default) or Type-C(Customizable)	NA