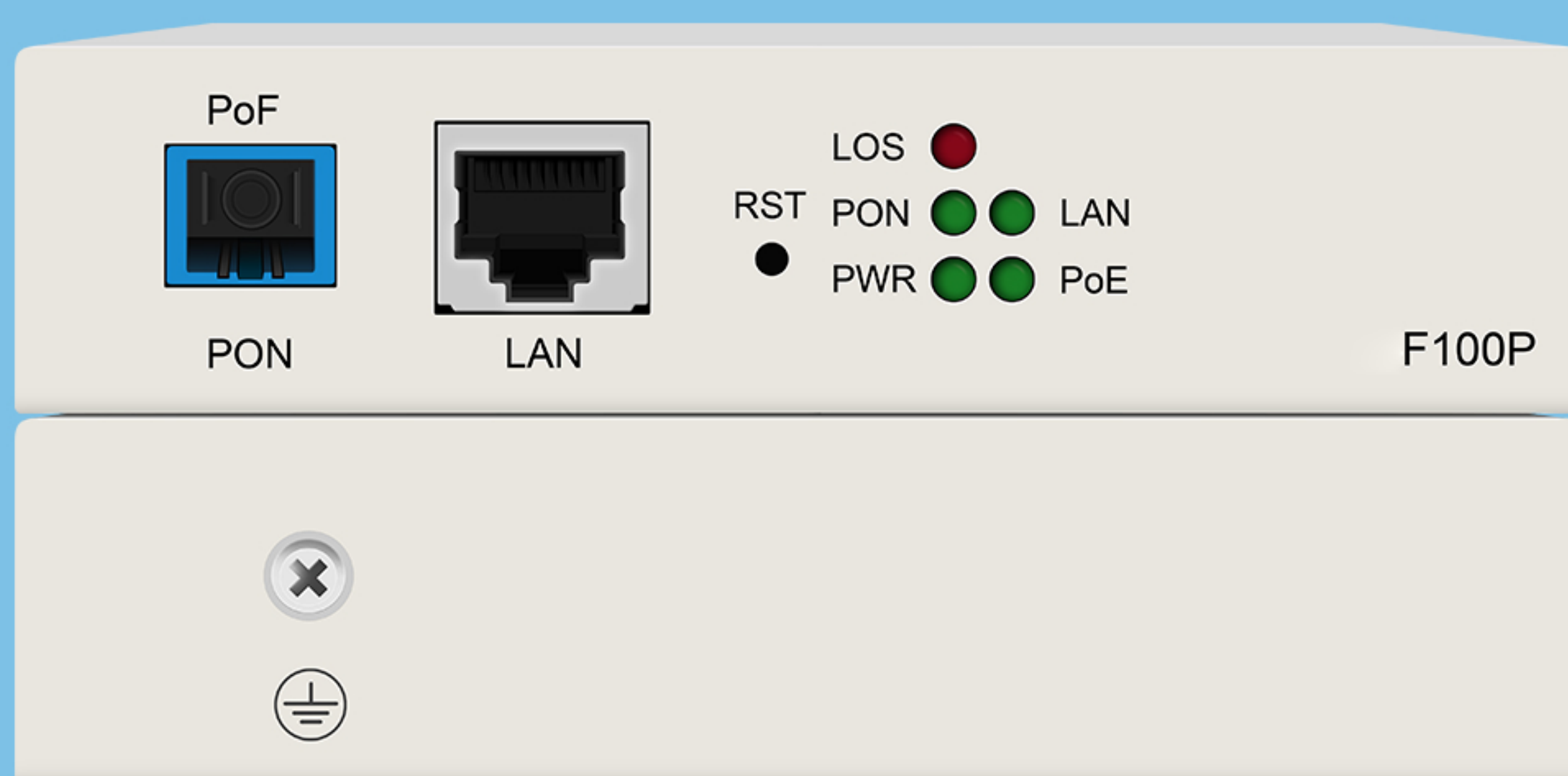


F100P



Product Description

F100P is a PoF single-port iron housing ONU for all-optical network solution, providing 1*G/EPON adaptive SC port, 1*GE LAN port, high-speed access, downlink 2.5Gbps, uplink 1.25Gbps; Plug & Play, OMCI support; PON port supports PoF optoelectronic hybrid cable access, RJ45 supports PoE 30W output, to achieve “No Power Mode” from the server room to the terminal.

Technical Parameter

Module	Parameter
User Interface	1*GE RJ45 interface
	PoE+, supports up to 30W
PoF PON Interface	GPON and EPON Mode Adaptation Interface Mode: Optical Composite Cable (PoF)
	GPON: Uplink 1.25Gbps / Downlink 2.5Gbps Transmit optical power: 0~4dBm Optical power: -7dBm~-28dBm
	EPON: uplink 1.25Gbps / downlink 1.25Gbps Transmit optical power: 0~4dBm Optical power: -7dBm~-27dBm
	PoF input voltage: 48V-57V PoF transmission distance: 300m
Ethernet	1*10/100/1000M auto-negotiation Transmission distance: 100m
Size	120*85*28mm
Environmental	Working temperature: -30°C~70°C
	Operating humidity: 0% to 85% (non-condensing)
	Storage temperature: -40°C~80°C
	Storage humidity: 5%~95% (non-condensing)
Power Supply	PoF: 48V-57V, 0.25A
Power	<10W

Product Characteristics

- Adopts point-to-multipoint network topology, effectively collects and aggregates users' dispersed Ethernet services, and provides standard RJ45 Fast Ethernet interfaces on the user side.
- Support IGMP multicast, effective use of broadband
- Multicast passthrough support
- Support vlan pass-through/tagging/translation/Qin-Q/trunk
- Provide remote management via OLT, supports local console management
- Support line loopback detection for user-side Ethernet interfaces
- Support IEEE 802.1q VLAN Protocol
- Support broadcast storm suppression
- Support IEEE802.3x flow control (full duplex)
- Support IEEE 802.1p, CoS protocols
- Support WR, SP queue scheduling algorithm
- Support port speed limit
- Support -30°C~70°C operating environment
- Support IPv4 and IPv6
- Support cloud management
- Support PoF, power supply up to 30W

Product Status Indicator

Indicator	Status	Description
PWR	Power Status	On: The ONU is power on
		Off: The ONU is power off
PON	ONU Register	On: Success to register to OLT
		Blinking: In process of registering to OLT
LOS	Optical Signals	Off: Fail to register to OLT
		On: Optical link lower than receiver sensitivity
LAN	LAN Port Status	Off: Optical in normal
		On: Ethernet connection is normal
PoE	PoE Status	Blinking: Data is being transmitted
		Off: Ethernet connection is not set up
PoE	PoE Status	On: Power supply status
		Off: Unpowered state

Ordering Information

Product Model	Descriptions
F100P	1*10/100/1000M Ethernet RJ45 interface, Support PoE output, maximum power 30W
	1 EPON & GPON Adaptive PON interface (PoF power support)