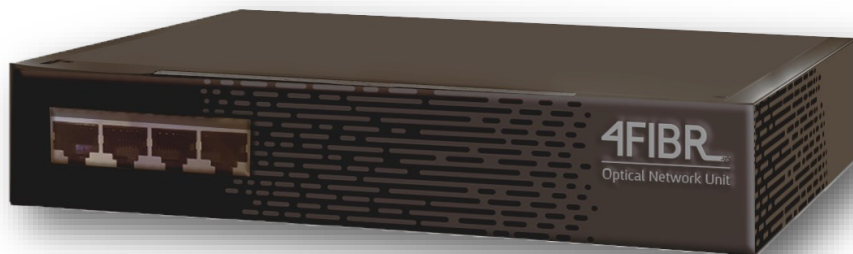# 4FIBR

Optical Network Unit

4fibr ONU is a GPON optical network unit design to meet the requirement of the broadband access network. 4fiber is a GPON G.984 (CPE) unit support 2.488 Gbps downstream and 1.244 Gbps upstream.
4fibr converts optical signals over fiber to gigabit networking interfaces with verity Power over Ethernet (PoE) options.

4FIBR
Optical Network Unit

www.4fibr.com

Specifications

4fibr i430	
Interfaces	One (1) SC/APC, GPON Four (4) Gigabit RJ45, Ethernet
GPON Interface	2.488 Gbps Downstream, 1.244 Gbps Upstream
GPON ITU G.984	Tx 1310nm optics, Rx 1490nm
Optical Power Range	TX (Class B+): 1.5 to 5 dBm RX: -28 to -8 dBm
LAN: 4 forts RJ-45 with PoE	10\100\1000 Mbps
PoE	IEEE 802.3af: PoE, IEEE 802.3at: PoE+
PoE Power	30W max per port, 127W max per ONU
Power Method	100-240VAC, 50/60 Hz, Universal Power Input
Max Power (ONU only)	7W Max.
Network	VLAN tagging/untagging DHCP,QoS
Encryption	AES 128 bit
Operating Temperature-Indoor	-10 to 55 Celsius
Operating Humidity	5% to 90% RH, non-condensing
Certifications	CE, FCC, IC

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Specifications

4fibr i830	
Interfaces	One (1) SC/APC, GPON Eight (8) Gigabit RJ45, Ethernet
GPON Interface	2.488 Gbps Downstream, 1.244 Gbps Upstream
GPON ITU G.984	Tx 1310nm optics, Rx 1490nm
Optical Power Range	TX (Class B+): 1.5 to 5 dBm RX: -28 to -8 dBm
LAN: 8 forts RJ-45 with PoE	10\100\1000 Mbps
PoE	IEEE 802.3af: PoE, IEEE 802.3at: PoE+
PoE Power	30W max per port, 254W max per ONU
Power Method	100-240VAC, 50/60 Hz, Universal Power Input
Max Power (ONU only)	14W Max.
Network	VLAN tagging/untagging DHCP,QoS
Encryption	AES 128 bit
Operating Temperature-Indoor	-10 to 55 Celsius
Operating Humidity	5% to 90% RH, non-condensing
Certifications	CE, FCC, IC

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Compatibility

- FiberHome

- Ubiquiti

- Huawei

- ZTE

- IEEE P802.3af

- GPON G.984

- SC/APC adapter

- Triple-play deployments (Data, Voice, IPTV)

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