



## Gigabit Passive Optical Network

GPON End-to-End Solution

High-Performance OLTs

Low-Cost, Robust ONU CPEs

Models: UF-OLT, UF-OLT-4, UF-Nano,  
UF-LOCO, UF-WIFI, UF-Instant



## Module Accessories

### GPON OLT SFP Modules

The U Fiber OLT's GPON SFP ports are designed for use with the UF-GP-B+ and UF-GP-C+ SFP modules.

Each model, the UF-OLT or UF-OLT-4, includes one UF-GP-B+ module; additional modules can be purchased separately.

Model Comparison



	UF-GP-B+	UF-GP-C+
Supported Media	Single-Mode Fiber	Single-Mode Fiber
Connector Type	(1) SC/UPC	(1) SC/UPC
TX Wavelength	1490 nm	1490 nm
RX Wavelength	1310 nm	1310 nm
TX Power Range	1.5 to 5 dBm	3 to 7 dBm
RX Power Range	-28 to -8 dBm	-30 to -12 dBm
Downstream Data Rate	2.5 Gbps	2.5 Gbps
Upstream Data Rate	1.25 Gbps	1.25 Gbps
Cable Distance	20 km	20 km
Pack Options	20-Pack	20-Pack

### Power Modules

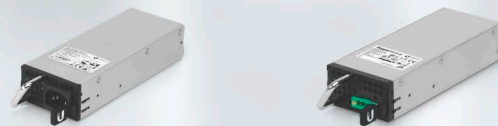
The UF-OLT comes with one AC/DC power module pre-installed and features two modular power adapter bays for flexible power options:

**Backup Power** The second power bay can house a backup power module. If the UF-OLT detects failure of the primary power module, the backup module automatically activates to supply uninterrupted power.

**DC/DC Power** Both power bays can also house a DC/DC power module for use with DC power.

Available power modules are: RPS-AC-100W and RPS-DC-100W.

Model Comparison



	RPS-AC-100W	RPS-DC-100W
Power Type	AC/DC	DC/DC
Input Voltage Range	90-264VAC	38-54VDC
Output Voltage Range	24-26VDC	23-25V
Operating Temp.	-10 to 45° C (14 to 104° F)	-10 to 50° C (14 to 122° F)
Operating Humidity	5 to 95% Noncondensing	5 to 95% Noncondensing