

FiberHome GPOA Board Datasheet	
Standard compliance	Conforms to ITU-T G.984 series of standards, with good interoperability.
Transmission rate	Uplink: 1.25 Gbit/s Downlink: 2.5 Gbit/s
Wavelength	Uplink: 1290 nm to 1330 nm u Downlink: 1480 nm to 1500 nm
Maximum transmission distance	60 km
Maximum differential fiber distance	40 km
Maximum split ratio	1:128
Detection of optical power	Supports the RSSI detection.
Detection of rogue ONUs	Supports automatic detection and location of ONUs that constantly emit light.
Compatibility	Supports various kinds of ONUs, such as SBU, SFU, MTU, cassette MDU, and MDU which can accommodate cards.
DBA function	Dynamically allocates bandwidth according to subscribers' traffic status.
Reliability	Supports Type B, Type C, and Type C dual-homing protections.
Throughput	Uplink throughput: ≥ 1100 Mbit/s
	Downlink throughput: ≥ 2400 Mbit/s
Transmission delay	When the split ratio is 1:32, the uplink average transmission delay (when the traffic is no more than 90% of the system throughput) is less than 1.5 ms (packets with the size between 64 Bytes and 1518 Bytes are counted).
	The downlink average transmission delay (when the traffic is no more than 90% of the system throughput) is less than 1 ms (packets of all sizes are counted).