
GPON OLT CLASS A-/B+/C+/C++/C+++



The GPON OLT transceiver is small form factor pluggable module for serial optical data communications such as ITU-T G.984. It is with the SFP 20-pin connector to allow hot plug capability.

This module is designed for single mode fiber and operates at a nominal wavelength of 1490 nm.

The transmitter section uses a 1490nm DFB laser and is a class 1 laser compliant according to International Safety Standard IEC-60825.

More details? [DS120014V1.3?](#)

Part No.	Data Rate	Laser	Fiber Type	Bail Color	Applicat
TSP-GA21-43DCS	TX 2.488Gbps RX 1.244Gbps	DFB	Single-mode	Blue	Class A
TSP-GB21-43DCS	TX 2.488Gbps RX 1.244Gbps	DFB	Single-mode	Blue	Class B
TSP-GC21-43DCS	TX 2.488Gbps RX 1.244Gbps	DFB	Single-mode	Blue	Class C
TSP-GD21-43DCS	TX 2.488Gbps RX 1.244Gbps	DFB	Single-mode	Blue	Class C+
TSP-GQ21-43DCS	TX 2.488Gbps RX 1.244Gbps	DFB	Single-mode	Blue	Class C++

FEATURES

- Single fiber bi-directional data links asymmetric TX 2.488Gbps/RX 1.244Gbps application
- 1490nm DFB-LD Transmitter and 1310nm burst-mode APD-TIA Receiver
- Distance up to 20km
- Single 3.3V Power supply and TTL Logic Interface
- Receiver RESET, Signal Detect, RSSI function indication (RESET, RX_SD, RSSI)
- Single SC/UPC Connector Interface

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- Hot Pluggable
 - Compliant with MSA SFP Specification SFF-8472
 - Compliant with ITU-T G.984
 - Low EMI and Excellent ESD protection

APPLICATIONS

- FTTH
- Gigabit Passive Optical Networks

Product link : <https://www.trixontech.com/xgspon-olt-sfp-n2.html>