

## GPON OLT 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

Part No.	Package	Fiber Type	Data Rate	Laser	Optical Components	Distance	Connector	Termination
TSP-GS21-43DCS	GPON OLT C+++	DFB	TX 2.488Gbps/RX 1.244Gbps		/	20km	SC/UPC	-

### 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
- ? Digital burst RSSI function to monitor the input optical power level
- ? Single SC/UPC Connector Interface
- ? 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/tsp-gs21-43dcs.html>