

Optical Transceiver for B-PON (SFF type, OLT)

Description

- This transceiver consists of 155.52Mbps burst-mode receiver (1.3um), 622.08Mbps continuous-mode transmitter (1.49um), and WDM function can transmit bi-directional optical signal over a single optical fiber in FTTH networks.
- Full compliance with ITU-T G983.1, and applied for OLT located on center side.

Features

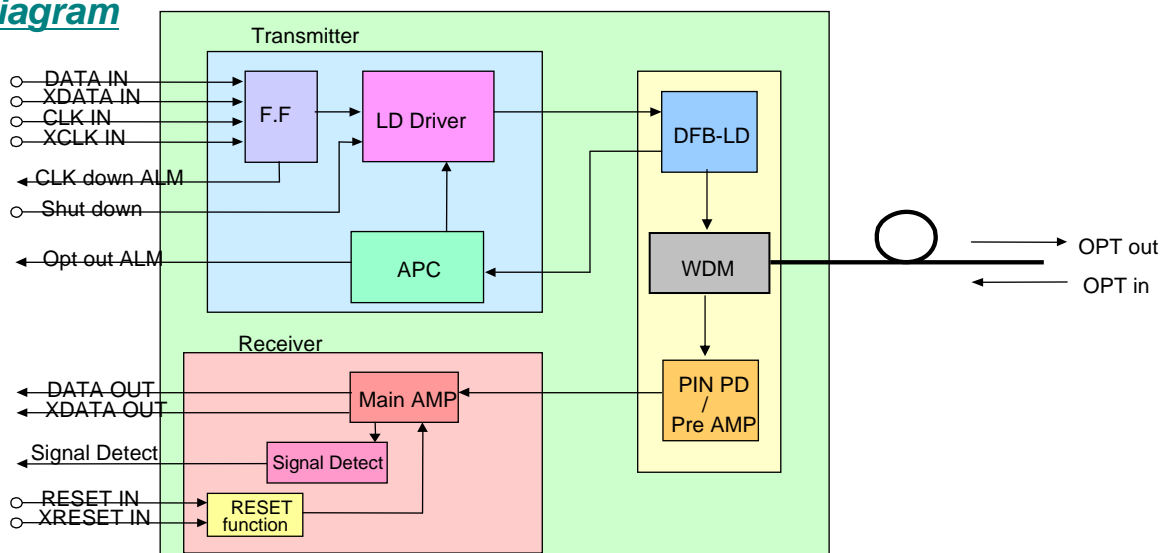
- 1-fiber bi-directional transmission by WDM
- 622.08Mbps continuous-mode transmitter:1.49um
- 155.52Mbps burst-mode receiver:1.3um
- Full compliance with ITU-T G983.1
- Operating Temperature Tc: 0 to +70°C



Specifications

Part Number	FIM30510	
Parameter	Transmitter	Receiver
Operating Temperature	0 to 70°C	
Power Supply Voltage	3.3V +/-5%	
Bit Rate	622.08Mbps	155.52Mbps
Wavelength	1480 to 1500nm	1260 to 1360nm
Mean Launched Power	0 to +4.0dBm	-
Minimum Sensitivity	-	-33 to -8dBm
Current Consumption	500mA (Max)	
Optical Connector Type	LC Connector	
Size (L x W x H)	68.76 x 13.59 x 9.8mm / 2.71 x 0.54 x 0.39inches	

Block Diagram



Fujitsu Limited

Optical Component Unit Sales Department

1-1 Kamikodanaka 4-chome, Nakahara-ku, Kawasaki, 211-8588, Japan (Company Mail No. H0913)

Tel: +81-44-754-3757, Fax: +81-44-754-3598

E-mail: optmdl-sales2@ml.css.fujitsu.com

<http://www.fujitsu.com/global/services/telecom/optcompo>