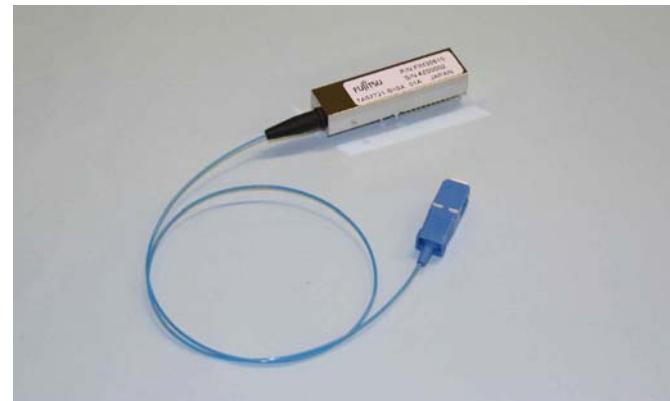


# Optical Transceiver for B-PON (SFF type, OLT)

## 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.



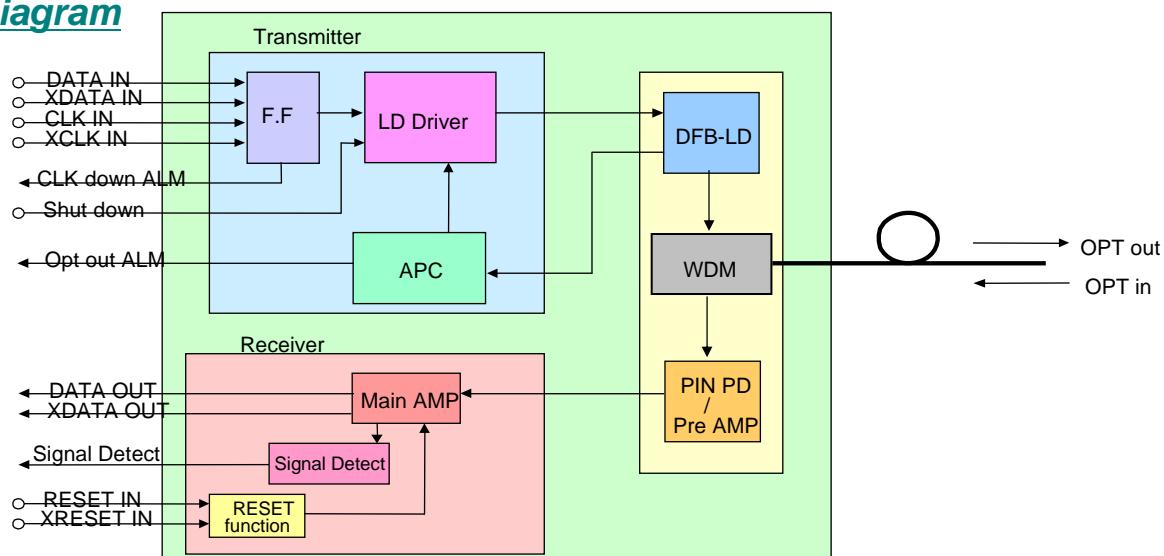
## Features

- 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

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