

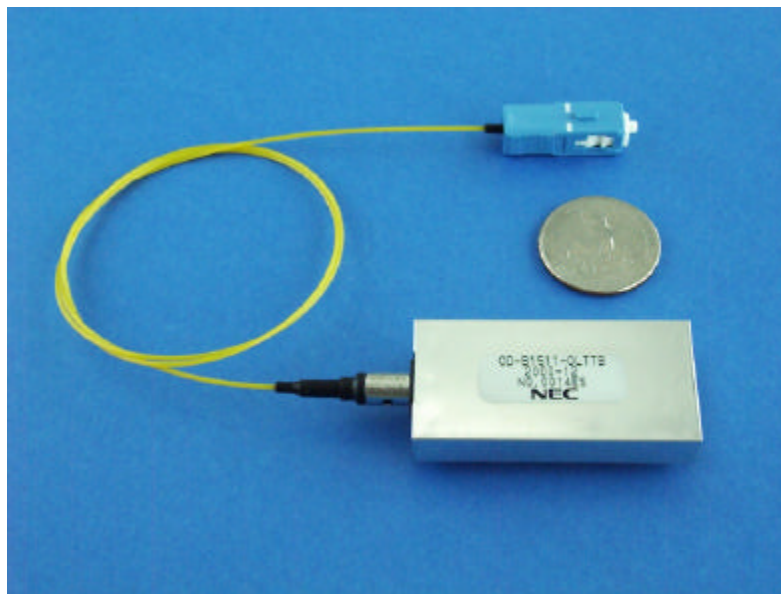
# OD-B1511-OLTTB /-OLTTC

## 156Mbps ATM-PON

## Optical Transmitter Module for OLT

### FEATURES

- ITU-T G.983.1 ClassB/C capable Applied to *OLT(Optical Line Termination)*  
-1.5 $\mu$ m Feed-Forward APC circuit by use of ROM.
- Optical output shutdown function (Shutdown)
- Optical output alarm(Tx ALM)
- Single power supply voltage of +3.3V



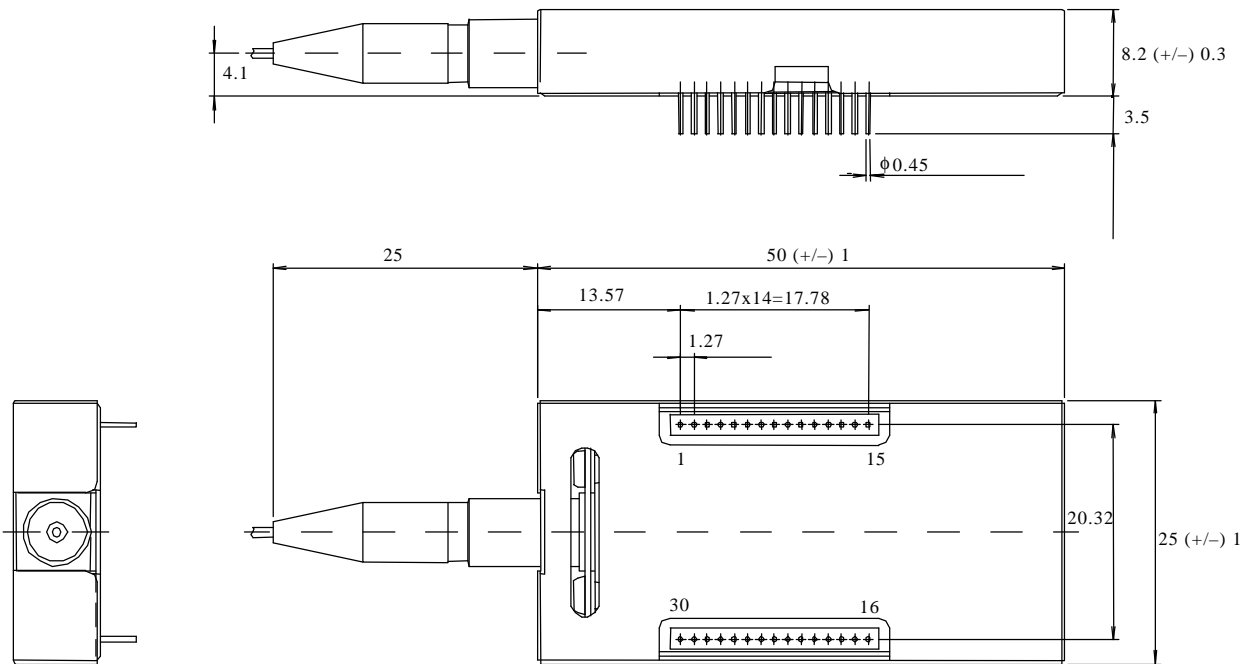
### OPERATING CONDITIONS

Parameter	Unit	Values		
		Min.	Typ.	Max.
Ambient Temperature	°C	0	–	+ 75
Power Supply Voltage	V	+ 3.14	+ 3.30	+ 3.46
Power Supply Current	mA	–	90	200

# PERFORMANCE

Parameter	Unit	OD-B1511-OLTRB	D-B1511-OLTRC
Bit Rate	Mbps	155.52	
Laser Diode type	-	SLM-LD	
Operating Wavelength	nm	1480 to 1580	
Spectral Width (-20dB)	nm	≤ 1	
Mean Output Power	dBm	- 2 to + 2	0 to + 4
Extinction Ratio	dB	≥ 10	
Optical Output Alarm	-	Normal operation : High level Transmitter fault condition : Low level	
Optical Output Shutdown	-	Optical output enable : High level Optical output shutdown : Low level	

# DIMENSIONS (Unit:mm)



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