

LN MODULATORS

40Gbit/s Nested LN modulator(Dual Electrode Model)

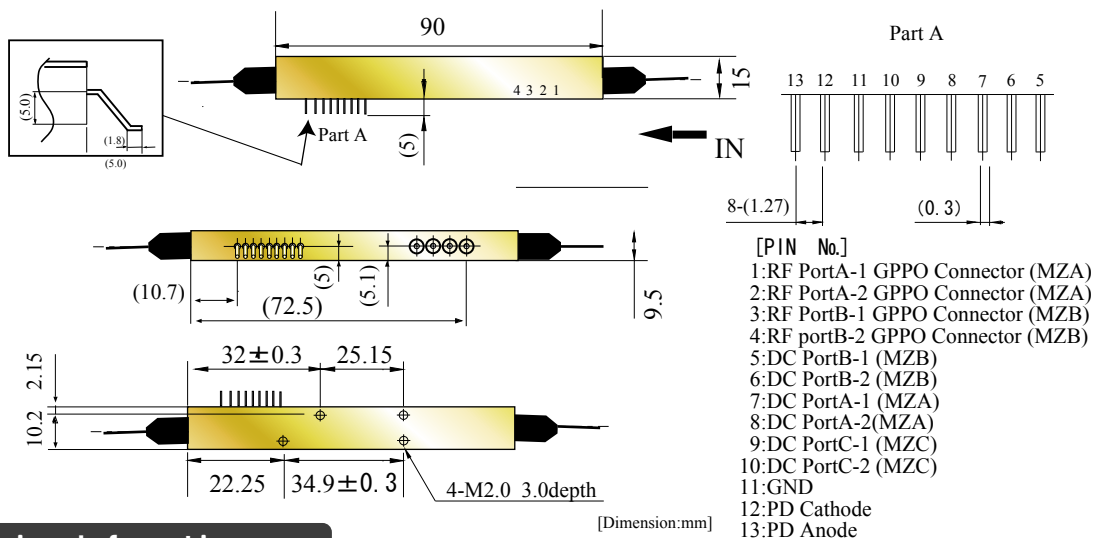
Specifications

Model	T.SBZH1.5-20PD-ADC	
Operating Wavelength	1.55μm	
Insertion Loss	≦9.0dB	
Optical Bandwidth *1	≧20GHz	
ON/OFF Extinction Ratio	≧20dB	
Driving Voltage@1kHz *2	DC PortA≦5.0V、DC PortB≦5.0V、DC PortC≦15.0V	
Driving Voltage(V π)@20Gbps *2	RF PortA≦4.0V、RF PortB≦4.0V	
Polarization Extinction Ratio	≧20dB	
Optical Return Loss	≧30dB	
Maximum Input Power*3	20mW	
Electrical Connector	GPPO Connector	
Optical Fiber	Input	0.4mmΦPMF LC connector
	Output	0.4mmΦSMF LC connector
Fiber Lead Length	≧0.7m	
Operating Temperature	0°C~70°C	
Polarizer	Included	

PD Characteristics	
Monitor PD Sensitivity	0.04~0.40mA/mW
Monitor PD Extinction Ratio	≧8dB

- *1: 3dB down(1GHz reference)
- *2: With the use of one electrode only.
- *3: Input polarizaton must be aligned to the slow axis of polarization maintained fiber before the maximum input power is inserted.

Package size(Hermetically-sealed)



Ordering Information

T.SBZH1.5-20PD-ADC-12-014

- * : Standard optical connector is shown in the specification. If you need the different connector(s), please let us know.
- * : The polarization state of the PMF is slow axis aligned.

2012 January
Specifications subject to change without any notice.

Manufactured by :