

LN MODULATORS

Tandem 10Gbit/s LN Intensity Modulator

Specifications

Model	T.MMXH1.5-10PD-ADC	
Operating Wavelength	1.55μm	
Insertion Loss	≤ 7.0dB	
Optical Return Loss	≥ 30dB	
Maximu Input Power*1	20mW	
Electrical Connector	GPO Connector	
Optical Fiber	Input	0.4mmΦ PMF FC connector
	Output	0.9mmΦ SMF LC connector
Fiber Lead Length	≥ 0.7m	
Operating Temperature	0°C ~ 70°C	

	RZ part	NRZ part
Optical Bandwidth*2	-	≥ 9GHz*1
Driving Voltage(V _π)	≤ 6.5Vpp@5GHz	≤ 6.0Vpp@10Gb/s
ON/OFF Extinction Ratio	≥ 20dB	≥ 20dB

PD Characteristics	
Monitor PD sensitivity	0.04~0.40 mA/mW
Monitor PD extinction Ratio	≥ 10dB

*1: Input polarization must be aligned to the slow axis of polarization maintained fiber before the maximum input power is inserted.

*2: 3dB down(1GHz reference)

Ordering Information

T.MMXH1.5-10PD-ADC-09-009

* : 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.

Distribution in the UK & Ireland



Lambda Photometrics Limited

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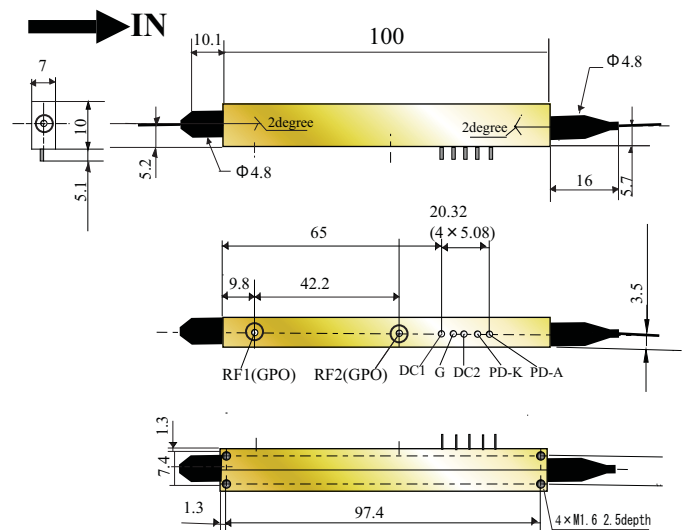
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Package size(Hermetically-sealed)



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Specifications subject to change without any notice.