

LN MODULATORS

5Gbit/s LN Phase Modulator

Specifications

Model	T•PMH1.5-5	
Operating Wavelength	1.55μm	
Insertion Loss	≦6.0dB	
Driving Voltage(V π)@100kHz	≦5.5Vpp	
Optical Bandwidth*1	≧4GHz	
Polarization Extinction Ratio	≧20dB	
Optical Return Loss	≧30dB	
Maximum Input Power	≦20mW	
Electrical Connector	K Connector	
Optical Fiber	Input	0.4mmΦPMF FC connector
	Output	0.4mmΦPMF FC connector
Fiber Lead Length	≧0.7m	
Operating Temperature	0~70°C	
Polarizer	Included	

*1: 3dB down(130MHz reference)

*External terminator is required.

Ordering Information

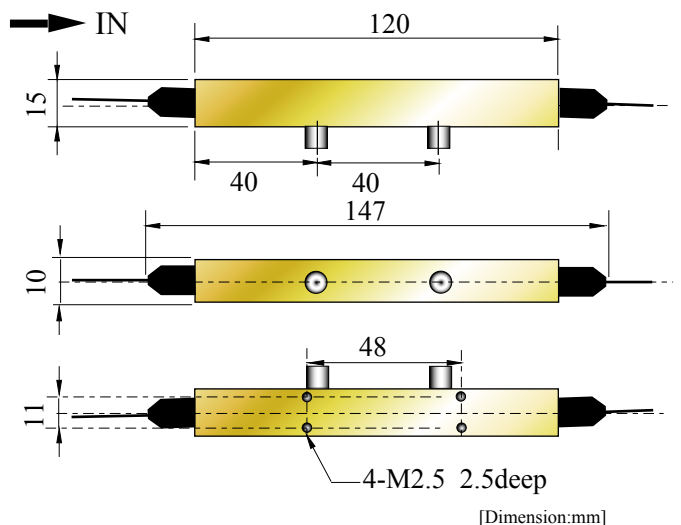
T•PMH-1.5-5-07-007

* : 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.

Package size(Hermetically-sealed)



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Specifications subject to change without any notice.

Manufactured by :

 **SUMITOMO OSAKA CEMENT CO.,LTD.**
OPTOELECTRONICS BUSINESS DIVISION