

10 Gb/s LiNbO3 Integrated RZ Data Modulator

T.MMXH1.5-10-R

10GHz X-cut RZ pulse generator and data modulator are integrated into a single package for easy RZ data formatting. Both parts have broadband design.



Parameter

Specification

Operating Wavelength	1550 ± 20nm	
Insertion Loss	≦7.0dB (Include Polarizer)	
ON/OFF Extinction Ratio	≧20dB @DC	
Polarization Extinction Ratio	≧20dB	
Maximum Optical Input Power	50mW	
	RZ part	NRZ part
Optical Bandwidth	—	≧9GHz
Drive Voltage $V\pi$	≦6.0Vp-p @ 5GHz	≦7.0 Vp-p @ 10Gb/s
Maximum RF Input Power	+4dBm	+24dB
Termination	AC Coupled	AC Coupled
Electrical Return Loss S11	≦-10dB @ 5GHz	≦-10dB @ ~ 9GHz
α Parameter	≦0.2	≦0.2

 **SUMITOMO OSAKA CEMENT CO.,LTD.**
Optoelectronics Business Division
1, Kanda Mitoshiro-cho, Chiyoda-ku, Tokyo
10 -8677 Japan
Tel : +81-3-3296-9854 Fax : +81-3-3295-5953
URL: <http://www.socnb.com>
E-mail: opto_sales@socnb.com

 **SOCCO**
SOCC Optoelectronics (USA), inc.
910 Sylvan Ave., Suite #210
Englewood Cliffs, NJ 07632
Tel: +1-201-227-0020 Fax: +1-201-227-0021
E-mail: sales@soccopto.com