

# LiNbO3 Variable Attenuator with Monitor PD

## T.MXH1.5-DCPDAT

Voltage controlled variable optical attenuator with built in monitor photodiode provides convenient power leveling for DWDM transmitters.



### Parameter

### Specification

Operating Wavelength .....	1538~1570nm	
Insertion Loss .....	$\leq 6.0$ dB	
Polarization Extinction Ratio .....	$\geq 20$ dB	
Maximum Optical Input Power .....	30mW	
<b>Attenuator</b>	Drive Voltage $V_{\pi}$ .....	$\leq 4.0$ V
	Temperature Drift of .....	$\leq \pm 1$ V (0 to 65degC)
	Operation Point	
	Attenuation .....	$\geq 20$ dB
<b>Monitor PD</b>	Sensitivity .....	$\geq 0.01$ A/W @0dBm input
	Extinction Ratio .....	$\geq 10$ dB @0dBm input
	Tracking Error .....	$\leq \pm 0.5$ dB (0 to 65degC)
		$\leq \pm 0.2$ dB typ

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