

MEMS Attenuator with PMF PM-MOVA

Our MEMS (Micro Electro Mechanical Systems) based attenuator is available in a range of specifications for any DWDM application and PM-MOVA is manufactured with PMF (Polarization Maintaining Fiber). Optical properties are excellent with good PER and wavelength dependence. Santec's tilting mirror design coupled with laser welded packaging ensures a reliable, stiction-free device.

features

- ▶ Low loss, Low WDL
- ▶ Low Power Consumption
- ▶ Bright and Dark Type Available
- ▶ World Smallest Package Available (13mm length)
- ▶ Telcordia GR-1221 Qualified
- ▶ RoHS Compliant



Specifications

Parameter	Unit		Spec	Note
Wavelength Range	-	nm	1530 to 1570	C band
			1570 to 1610	L band
Insertion Loss	Max.	dB	1.0	w/o connectors
Polarization Extinction Ratio	Min.	dB	15	All operating conditions
Max. Attenuation	Max.	dB	30	-
Response Time	Max.	msec	10	10-90%
Input Optical Power	Max.	dBm	25	-
Drive Voltage	Max.	V	20	MOVA-1
			7.5	MOVA-8
Storage Temperature Range	-	degC	-40 to 85	Non condensation
Operating Temperature Range	-	degC	-5 to 70	Non condensation
Fiber Type	-	-	PMF	Fiber length : 1.0+/-0.1m

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