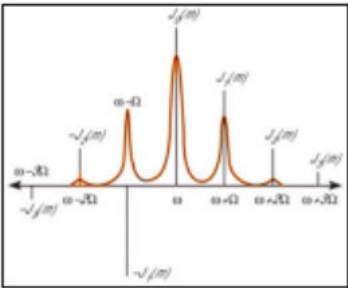


Phase Modulator Specifications
相位调制器产品规格书
PMR0025-L00M-030-780



1. SPECIFICATIONS (规格)

Interaction material (介质材料)	MLN(掺镁铌酸锂)
Operating wavelength (工作波长)	633nm
Polarization (光偏振)	Linear, horizontal
Transmission (透光率)	>97%
Clear aperture* (通光孔径)	1mm
Wavefront distortion(波前畸变)	$<\lambda/6@633\text{nm}$
RF(射频频率)	1.75GHz
3dB bandwidth(3dB带宽)	<10MHz
Maxmodulation amplitude(调制量)	<2rad@633nm
Connector(接口)	SMA-F
Input impedance(输入阻抗)	50Ω
Shell material (外壳材料)	Aluminium alloy(铝合金)
Cooling (散热方式)	Conduction-cooled(传导冷却)

*光束直径建议小于通光孔径的70% / The beam diameter is recommended to be less than 70% of the clear aperture.

2.ORDERING CODES (编码规则)

类型	晶体材料	射频频率	通光孔径	波长
PM X 0001 — X XXX — XXX — XXXX				
共振型 R	MLN L	2GHz 02G	3mm 030	532nm 532
非共振型 N	KTP T	1GHz 01G	2mm 020	780nm 780
		20MHz 02M		

