

Test Data Sheet

Multi-Octave, Broadband Electro-Optic Phase Modulator

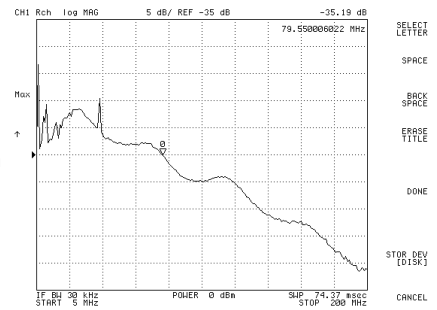
Model-# EO-BBL-NIR
Serial-# 09014

Parameter	Value	Unit
Bandwidth	5 - 80	MHz
max. RF Power	1/4	W
Modulation depth	0.15	rad / Vrms
Electro-optic crystal	LiNbO ₃	
Damage threshold	2	W / mm ²
AR Coating	670 - 900	nm

Date: _____ tested: _____

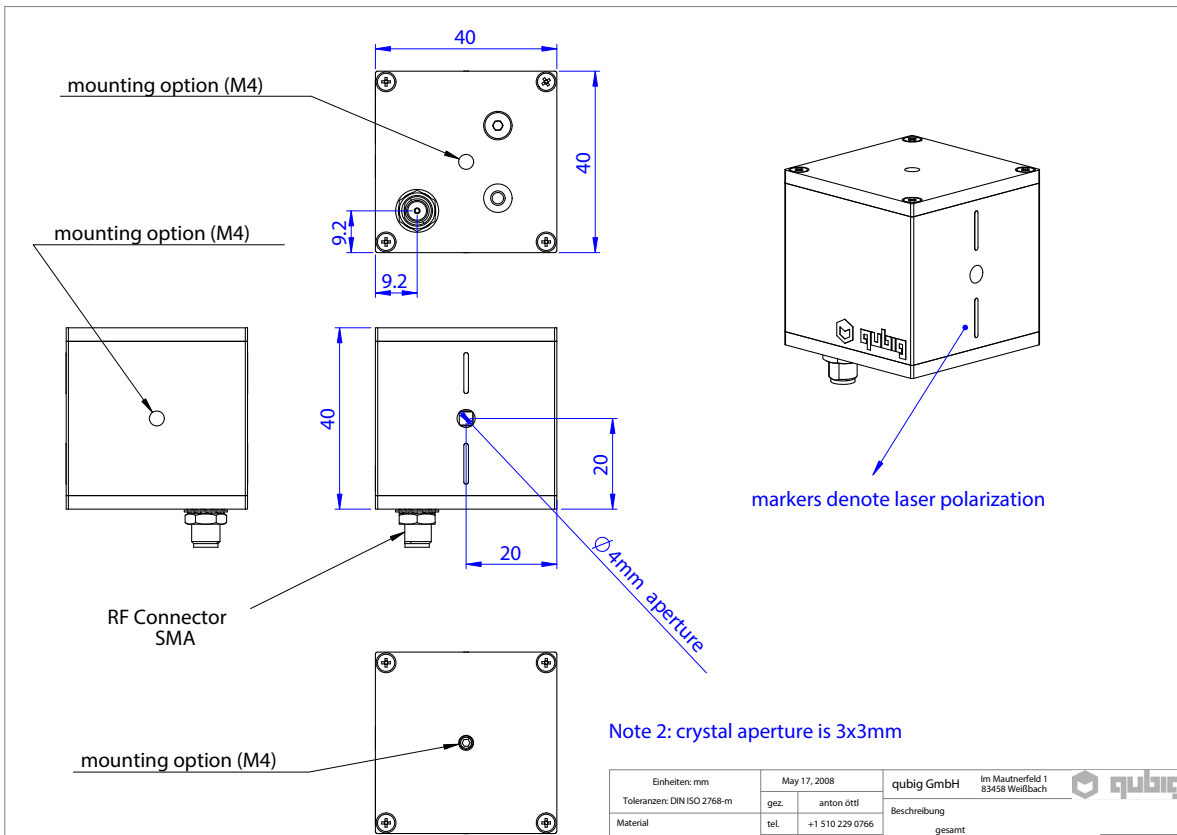
Measured Performance

Modulation-
Transfer Function



test wavelength: 671nm (Li-7 spectrum), rf in 20 dBm,
error signal generated with phase detector ZRPD-1

Package Drawing



Note 1: mounting screws (M4x0.7)
must not exceed 5mm length

Note 2: crystal aperture is 3x3mm

Einheit: mm	May 17, 2008	qubig GmbH	Im Maumertfeld 1	
Toleranzen: DIN ISO 2768-m	gez. anton öttl	qubig GmbH	83438 Weilbach	
Material	tel. +1 510 229 0766	Beschreibung	gesamt	Stückzahl 1
Oberfläche	email oettl@qubig.de	Bemerkungen		Maßstab 1:2
Masse		Zeichnungsnummer	eo_40_m	Version a
				Blatt 1/1