



B. A. MICROWAVES Ltd.

PHASE LOCKED DRO (PLDRO)

PL-1224 SPECIFICATIONS:

Output Frequency: 12 GHz

Output Power: 10 dBm (min)

Power Output Variation over Temp.: ± 2 dB

Frequency Stability:

With External Oscillator: Function of External Oscillator

With Internal Oscillator: ± 5 ppm

Output Impedance: 50 Ohm

Pulling (1.5:1 VSWR): Will not break lock

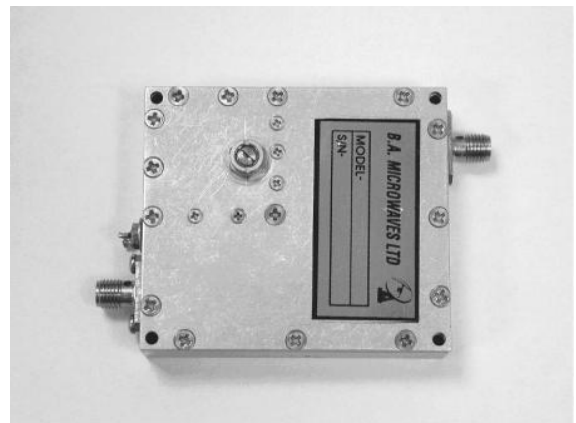
Harmonics: -20 dBc

Spurious: -75 dBc

Phase Noise:

@ 10 KHz offset -105 dBc

@ 100 KHz offset -115 dBc



THE STANDARDS INSTITUTION OF ISRAEL

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Reference Oscillator Input:

Option 1: External Oscillator 10 - 100 MHz
Option 2: Internal Oscillator 13 MHz

Supply Voltage & Current: +6 Vdc; 200 mA (max)

Phase Lock Alarm: High=Locked

Operation Temperature: -20°C to +70°C

Connectors:

Reference Input	SMA-F
RF Output	SMA-F
Alarm	RFI Pins
Power Supply	RFI Pins



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