

## QPDO-I-100-4.8

Internal Reference, 100MHz, 4.8GHz

**Features:**

- \* High Frequency Stability
- \* Ultra Low Phase Noise

**Applications:**

- \* Wireless
- \* Transceiver
- \* Laboratory Test
- \* Radar

### Electrical

Output Frequency:	4.8GHz
Output Power:	16dBm min
Frequency Stability:	0.1ppm max.
Output Spurious:	-75dBc max. (@±1GHz)
Output Harmonic:	-20dBc max.
Internal Reference:	100MHz
Output Phase Noise:	-92dBc/Hz@100Hz max. -118dBc/Hz@1KHz max. -123dBc/Hz@10KHz max. -123dBc/Hz@100KHz max. -138dBc/Hz@1MHz max.
Voltage:	+12V DC
Current:	900mA max. (first) 700mA max. (stable)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

### Mechanical

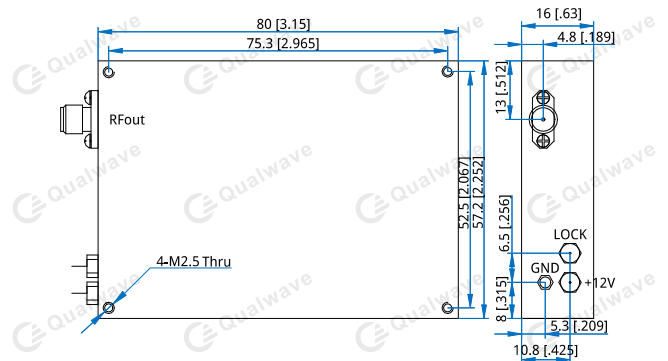
Size <sup>*1</sup> :	80*57.2*16mm 3.15*2.252*0.63in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[1] Exclude connectors.

### Environmental

Operating Temperature:	-40~+75°C
Non-operating Temperature:	-55~+85°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPDO-I-100-4.8**

Customization is available upon request.