

3.7 GHz RF SOURCE WITH BUILT IN PLL

- **LOW PHASE NOISE**
- **HIGH RELIABILITY**
- **LCD DISPLAY**
- **COMPACT DESIGN**

This unit is a competitively priced S-band source intended for use in microwave test systems. It is a compact, reliable unit with state of the art electrical specifications.

Electrical characteristics:

Frequency of Operation	3.7 GHz (+/- 3 MHz)
Frequency Stability	+/- 5 ppm max. over operating temperature
RF Power Output	15 W min / 50 ohm
Power Range	100 mW – 15 W
RF O/P Power Variation	± 0.5 dB max. over operating temperature
Output VSWR at Rated Power @ 50ohm	1.3 : 1 max
Output Impedance	50 ohm
Harmonics (2 nd and 3 rd)	≤ -30 dBc
Spurious	≤ -50 dBc
Phase Noise	-70 dBc/Hz @ 1 kHz -75 dBc/Hz @ 10 kHz
System Power Supply	230 V AC / 50 Hz
Control	via RS232 or front panel buttons
RF Output Connectors	N – female
Cooling	Natural Cooling with Inbuilt Fan
Operating /Storage Temperature Range	15 °C to 40°C / 10°C to 50 °C optional (-20°C to 70°C)
Size	2 U high 19" rack (88 x 449 x 549 mm)

Specifications are subject to change without notice.

Outline dimensions (mm):

