

**UHF FM TRANSMITTER**

- **LOW PHASE NOISE**
- **HIGH RELIABILITY**
- **COMPACT DESIGN**
- **FM MODULATION**
- **MANUAL&REMOTE CONTROL**

This unit is a competitively priced S-band transmitter intended for use in satellite telecommunications. It is a compact, reliable unit with state of the art electrical specifications.

Electrical characteristics:

Output Frequency	406 – 450 MHz
Frequency Step	100 Hz
Output Level	+ 10 dBm to +13 dBm
Frequency Stability	$\leq \pm 2$ ppm (0 to 50°C) / $\pm 2 \times 10^{-7}$ / month
Phase Noise	-108 dBc/Hz @ 1 kHz typ. (-100dBc/Hz max.) -130 dBc/Hz @ 100 kHz typ. (-120dBc/Hz max.)
Output Impedance	50 ohm
Spurious	< - 70 dBc
Harmonics	< - 50 dBc
Modulation	FM
FM Deviation	± 30 kHz
Modulation Frequency	20 Hz – 80 kHz
Modulation Inputs Signal Level	2 Vpp
Modulation Input Impedance	10 kohm
Connectors	N – female (RF) BNC – female (Modulation Input) LAN (Remote Control)
Manual Control	Front Panel Keyboard for all Settings and Selections
Remote Control	LAN, TCP/IP
Power Supply	100 V – 240 V / 50 Hz
Operating Temperature Range	0°C to 50°C
Size	1U High 19” Rack

Specifications are subject to change without notice.

Outline dimensions (mm):**1 U High 19” RACK**