

SRPU



RPU Transmitter Technical Specifications

Frequency Ranges:	150-470 and 830-960 MHz in 20MHz sub-bands
Modulation:	FM Class F3 or lower deviation upon request
Output Impedance & Connector:	50 ohm type 'N' female
RF output power:	10W or 20W
RF output power adjusting:	100% or 20% in front panel selectable
Harmonic Frequencies Level (ref. to carrier):	< -60 dB
Spurious Frequencies Level (ref. to carrier):	< -80 dB
Frequency stability:	2,5 ppm
Input Impedance:	600 ohms or greater
Input Level:	- 6 dBm to +10 dBm nominal for nominal deviation adj.
Mono Input (with pre-emphasis):	Pre-emphasis 50/75 μ s selectable
Audio Bandwidth:	Standard 7,5 KHz others upon request
Distortion (THD) in compression:	< 2 %
S/N Ratio (ref. to 25 KHz/1000 Hz):	> 50 dB
Power requirements:	Operating voltage 100 to 240 \pm 20% Vac 50/60 Hz External DC 13.5V 3 - 5 A FM2,7A@15Wout
Power consumption:	50/70 VA
Battery pack (optional):	13.5 Vdc 9.0 A
Operating temperature	0 to +40°C
Relative humidity	95% max.
Dimensions:	Width 20cm Height 9 cm Depht 27 cm
Weight:	4.5 kg