

# ESVA



FREQUENCY RANGE: .....	87.5 ÷ 108 MHz
MODULATION: .....	FM
EMISSION CLASS: .....	F3E
VCO TUNING: .....	25 MHz
FREQUENCY STABILITY: .....	± 2.5 ppm
SYNTHESIZER STEP: .....	10KHz
POWER OUTPUT: .....	0 ÷ 20 Watts ( 0 ÷ 50 Watts - special)
SPURIOUS EMISSION: .....	< - 80 dB or better
HARMONIC EMISSION: .....	< - 65 dB
STEREO SEPARATION: .....	> 55 dB @ 1KHz
DISTORSION: .....	< 0.1 % (TYP. 0.06%) @ 1KHz
BASE BAND: .....	30 Hz ÷ 60 KHz within 0.15 dB
UNWEIGHTED S/N RATIO: .....	> 80 dB (30Hz ÷ 15KHz 50 $\square$ S RMS)
ASYNCHRONOUS AM S/N Ratio: .....	> 70 dB Ref. 100% AM 400Hz
SYNCHRONOUS AM S/N Ratio: .....	> 65 dB with FM @ 75KHz @400Hz
PRE-ENPHASIS: .....	50 OR 75 $\mu$ S int. selectable
RF OUT CONNECTOR: .....	N-F 50 Ohm
MPX INPUT CONNECTOR: .....	BNC-F
MPX INPUT IMPEDANCE: .....	2 KOhm
SCA INPUT CONNECTOR: .....	3 BNC-F
COOLING: .....	Forced air by two brushless fans
OP.TEMPERATURE RANGE: .....	- 10 ÷ +45 °C
MAXIMUM UMIDITY: .....	90 %
AC SUPPLY: .....	100 ÷ 240 VAC - 47 ÷ 63 Hz
DIMENSION: .....	1 unit rack 19", 405mm depth
WEIGHT: .....	5 Kg