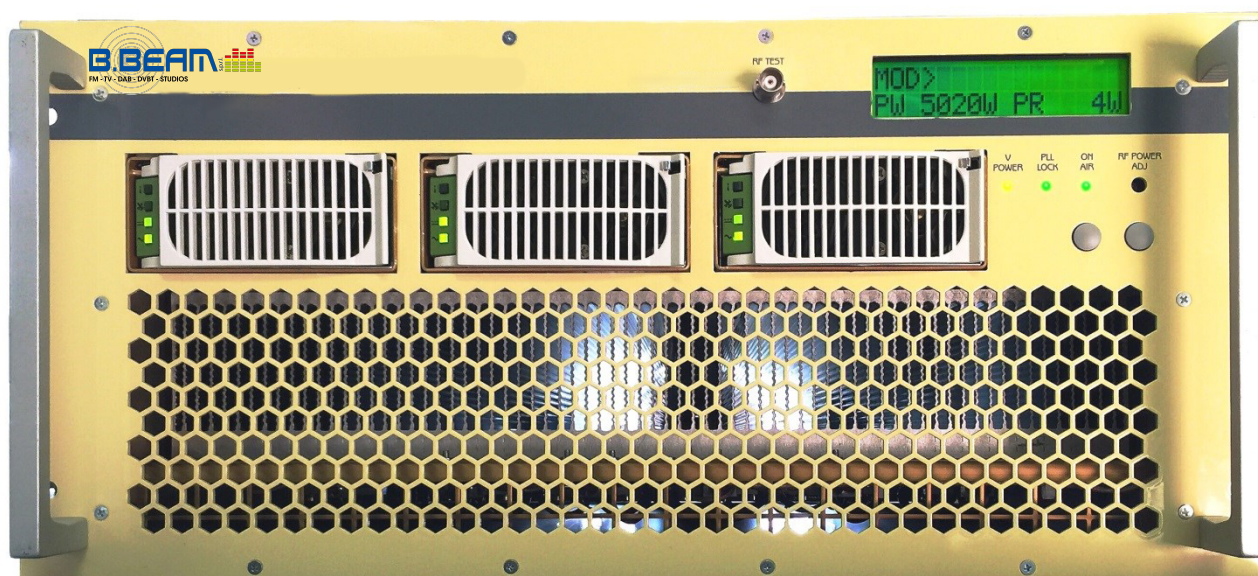


FM 5000W Broadcast Transmitter



FEATURES

FREQUENCY RANGE:	87.5 ÷ 108 MHz
MODULATION:	FM
EMISSION CLASS:	F3E
VCO TUNING:	25 MHz
FREQUENCY STABILITY:	± 2.5 ppm (bette upon request)
SYNTHESIZER STEP:	10KHz / 100KHz
POWER OUTPUT:	0 ÷ 5500 Watts
SPURIOUS EMISSION:	< - 85 dBc or better
HARMONIC EMISSION:	< - 74 dBc
MPX STEREO SEPARATION:	> 56 dB @ 1KHz
HARMONIC DISTORSION:	< 0.1 % (TYP. 0.06%) @ 1KHz
BASE BAND:	30 Hz ÷ 60 KHz within 0.05 dB
UNWEIGHTED S/N RATIO:	>80 dB (30Hz ÷ 15KHz 50µS RMS)
ASYNCRONOUS AM S/N Ratio:	> 65 dB Ref. 100% AM 400Hz
SYNCRONOUS AM S/N Ratio:	> 60 dB with FM @ 75KHz @400Hz
PRE-ENPHASIS:	50 OR 75 µS int. selectable
RF OUT CONNECTOR:	7/8" 50Ohm
MPX INPUT CONNECTOR:	BNC-F
MPX INPUT IMPEDANCE:	2 KOhm
SCA INPUT CONNECTOR:	BNC-F
COOLING:	High efficiency brushless fans
OP.TEMPERATURE RANGE:	- 10 ÷ +45 °C
MAXIMUM UMIDITY:	90 % not condensing
AC SUPPLY:	110 ÷ 250 VAC - 47 ÷ 63 Hz
OVERALL EFFICIENCY	>70%
DIMENSION:	5 unit rack 19", 600mm depth
WEIGHT:	35Kg