



TECHNICAL SPECIFICATION:

Nominal Output power	5000 W
Frequency	87.5-108 MHz
Input connector	N
Output flange connector	EIA 7/8"
Input return loss	> 25 dB
Output return loss	> 20 dB
Nominal input power	40 W
Nominal gain	21 dB
Harmonic Level	≤ - 70 dBc
Spurious Emissions	≤ - 75 dBc
Working Class	C
AC input (three phases + N)	173 ÷ 415 V
Frequency	50/60 Hz
Power factor	>0.95
Maximum power consumption	6600 VA @ 5 kW
Ambient temperature	-10 ÷ 45 °C
Humidity	95% (not condensed)
Altitude max	up to 3000 m
Cooling	forced air

REMOTE CONTROL CONNECTOR:

RJ 45 (ETHERNET)
DB9 (I/O parallel/ IEE485)

MECHANICAL:

Frame	19"	4 HE
Weight	25 kg	

VSWR CONTROL:

Automatic power output reduction versus VSWR

ALARM AND PROTECTION:

OVERDRIVE	excessive input power
VSWR MAX (*)	excessive reflected power
OVERTEMPERATURE	temp heat-sink max
RF FAULT/ LOW	generic RF alarm
PSU FAULT	power supply fault

(*) only with automatic power reduction power versus vswr not active