

RF Power Amplifier

RF400450-switch

This rack is designed for reliable, trouble-free service. It combine , monitor , and switch RF to load. as a 230 V AC power supply. It is accommodated in a 19" system housing.

Features :

- * Combine two 600 W for > 1200 Watts saturated output power
- * including a bi directionnal coupler for measurement
- * including a RF switch for Antenna or Load



Applications :

- * 1000 W for FTS

Specifications

Characteristics	Data	Units
Frequency range	400 - 450	MHz
Combine output power 1 dBc CW		
Typ.	1200	W
Min	1000	W
Small gain flatness typ	+/- 0,25	dB
insertion loss	-0,5	dB
P fwd , P ref	-50	dBc
Output test coupling	-50	dBc
Input power for rated output power	600	W
Max. input power	700	W
In / Out impedances nom.	50	Ohms
Input VSWR	1,5 : 1	
Load VSWR for rated output power	up to 1.5 : 1	
RF connectors	N female	
Cooling	Forced air (self-contained fans)	
Operating temperature range	0 °C ... + 40	°C
Storage temperature range	-20 ... +70	°C
Altitude	msl to 2500	m
Power Supply	230 AC +/- 10 % ,47-63 Hz 20 VA	
Size (W x L x H)	3U 19" Rack 483 x 460 x 132	mm
Weight	9	kg
All data at room temperature + 22 °C, into 50 Ohms, subject to change without notice		

Made in European Union

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