

Power Amplifier

Model No : APA 30 - 1K

SPECIFICATIONS:

ELECTRICAL

Frequency Range	:	1.5 - 30 MHz
Power Output	:	1 KW (Into 50 Ohms Load)
RF Input	:	0 dBm
Gain	:	60 dB
Gain Flatness	:	± 1 dB
Load VSWR	:	2.5:1
Input and Output Impedances	:	50 Ohms
Class of Operation	:	Class AB
DC Input	:	28 V
Current	:	145 A
Type of Input Signal	:	CW/AM/FM
Protections	:	Against high load mismatch, Against high temp., Against over drive.

MECHANICAL

Connector type:	:	
Input	:	N Type Female
Output	:	N Type Female
Cooling	:	Forced air Cooling

ENVIRONMENTAL

Operating Temp. Range	:	-10°C to + 55°C
Storage Temp. Range	:	-20°C to + 70°C
Humidity	:	95% RH Non Condensing