

Atlantic Microwave

Portable Amplifier

Model No. APT-010180

APT Series

APT Series is an ultra wide band amplifier delivering 100mW of RF power over 1-18GHz. It is designed for convenient and versatile use in test set-ups and measurement systems where hand portability and ruggedness are important requirements

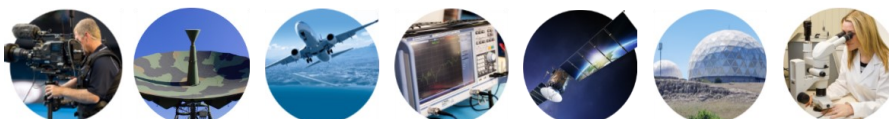
- 1—18 GHz
- 35dB Gain
- 100mW of RF Power
- Portable
- Outdoor use



General Specifications	
Frequency Range	1-18GHz
Gain	35dB min.
Output Power 1dB GCP	20dBm min.
PSat	21dBm
Flatness	±2dB
VSWR Input/Output	2.0:1 max
Operating Temperature	-10 to +60C
DC Supply	+12V
Current	525mA typ.
RF Connector	SMA Female Input Type N Female Output
Robust Housing	129 x 84 x 67 mm
IP Rating	IP66/67
On/Off Locking Toggle Switch	
XLR DC Socket	
Green LED On/Off Indicator	

Frequency (GHz)	Gain (dB)	P-1dB (dBm)	Input VSWR	Output VSWR
1.0	42.90	23.80	1.39	1.30
10.0	40.50	24.90	1.20	1.51
18.0	40.50	21.00	1.21	1.70

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.





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