

MR-AM800-X

Power Amplifier - Cellular Bands

MARS Power Amplifier features 30 dBi of gain and stable performance. Amplifiers features small size allowing for easy installation.

Can be customized to meet customer's requirements.



Specifications

Electrical

Standard	AMPS, CDMA, TDMA
Frequency range, MHz	800-960 MHz
Gain	30 ± 1 dB
GAIN Flatness, max.	±0.2 dB
VSWR, max.	1.5 : 1
Output Power @1 dB Compression Point	+33 dBm
Noise Figure, max.	4 dB
Output IP3, min.	+46 dBm
Input Power, max.	+10 dBm
Operating Voltage	28 VDC / 600 mA

Mechanical

Dimensions	60 x 50 x 20 mm (Without Heat Sink)
RF Connectors	SMA, Female
DC Connector	Feed Through

Environmental

Operating Temperature Range	-10°C to +50°C
Humidity, min.	95% RH, IEC 60068-2-56
Splash, Dust	Protected

MARS Antennas & RF Systems proprietary information

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