

# 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

<b>Electrical</b>	
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
<b>Mechanical</b>	
Dimensions	60 x 50 x 20 mm (Without Heat Sink)
RF Connectors	SMA, Female
DC Connector	Feed Through
<b>Environmental</b>	
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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