

MR-PBGS55-X

GSM Bi-Directional Amplifier

MARS Personal BDA provides a cost effective solution for enhancing radio communication in offices and other small area spaces. Amplifier features small size and is easy to install.



Specifications

Electrical

	Down Link	Up Link
Frequency range	935-960 MHz	890-915 MHz
Operational Frequency Band, MHz (Other Available on Request)	947-960 MHz	902-915 MHz
Gain at, min. Attenuation	55 dB	
Pass Band Ripple	±2 dB	
Output Power @ 1 dB Compression	18 dBm	
Noise Figure max.	6.5 dB	
Step Attenuator (2 dB Step)	2 to 30 dB	
Impedance	50 Ohm	
VSWR, max.	2 : 1	
Output IP3, min.	28 dBm	
Input Power, max.	-20 dBm	
Biasing (Through Separate DC Connector)	6V / 400mA (Adaptor MR-PS13 should be Ordered Separately)	

Mechanical

Dimensions	120 x 70 x 35 mm
Weight	200 gr.
Connectors	SMA, Female
Housing	Aluminum, Anodized, Black
Mount	Wall / Ceiling Mounting

Environmental

Operating Temperature Range	-10°C to +50°C
Humidity, min.	95%

Mars Antennas & RF Systems proprietary information

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