

## MR-PBSMR55-X

### SMR / IDEN 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	851-866 MHz	806-821 MHz
Operational Frequency Band, (Other Available on Request)	851-866 MHz	806-821 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	
Biassing (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%

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