

## MR-BSMR60-A1W

### SMR / IDEN Automatic Control Repeater

Automatic Control Repeater is a high linear repeater at low power consumption. It provides a cost effective solution for enhancing in-building radio communication, basements, parking garages and other RF shielded environments.

Additional Features:

- Auto Setup
- Overload protection
- Oscillation protection



### Specifications

#### Electrical

	Down Link	Up Link
Frequency range	851-866 MHz	806-821 MHz
Operational Frequency Band, (Other available on request)	15 MHz	
Pass Band Ripple	±1.5 dB	
Gain at min. attenuation, min.	60 dB	
Output Power @ 1 dB Compression	30 dBm	
Maximum Output Power	21 dBm	
Output IP3, min.	40 dBm	
Noise Figure at min. attenuation, max.	6 dB	
Range of ALC output power setting points, (Other available by request)	7-21 dBm (up 8 set points)	
Range of AGC	45 dB	
Limited Output Power, (Other available by request)	28 dBm	
Protection from Oscillation and Overload	Automatic	
Impedance	50 Ohm	
VSWR, max.	2 : 1	
Input Power, No Damage, max.	10 dBm	
Biassing (Option - 220 VAC/ DC Adapter included)	6.7 VDC @ 3.5A max	

#### Mechanical

Dimensions	243 x 160 x 57 mm
Weight	2 kg.
Connectors	N-Type, Female
Mount	Wall / Ceiling Mounting

#### Environmental

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

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