

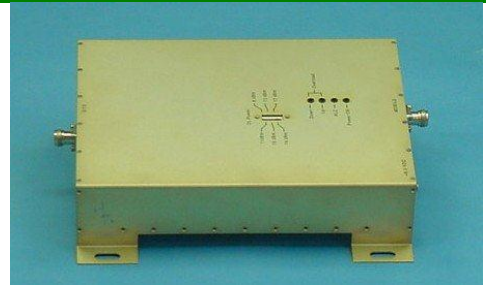
MR-BSMR80-XA

SMR / IDEN High Gain Automatic Control Repeater

High Gain 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 851-866 MHz	Up Link 806-821 MHz
Frequency range		
Operational Frequency Band, (Other available on request)	15 MHz	
Gain at min. attenuation, min.	80 dB	
Output Power @ 1 dB Compression	30 dBm	
Maximum Output Power	25 dBm	
Output IP3, min.	41 dBm	
Pass Band Ripple	1.5 dB	
Noise Figure at min. attenuation, max.	6 dB	
Range of ALC output power setting points, (Other available by request)	15-25 dBm (up 6 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.	-15 dBm	
Biassing (Option - 220 VAC/ DC Adapter included)	6.7 VDC @ 3.5 A max	
Mechanical		
Dimensions	280 x 250 x 65 mm	
Weight	2.5 kg	
Connectors	N-Type, Female	
Mount	Wall / Ceiling Mounting	
Environmental		
Operating Temperature Range	-10°C to +50°C	
Humidity, min.	95%	
Splash, Dust	Protected	

(*) Digital 30dB/1dB Step, Analog 15dB