

MR-BGSM80-XA

GSM High Gain Automatic Control Repeater

MR-BGSM80-XA is a high linear repeater at low power consumption. It provides a cost effective answer for enhancing radio communication in buildings, basements, parking garages and other RF shielded environments.

Additional Features

- Auto Setup
- Overload protection
- Oscillation protection



Specifications

Electrical

	Down Link 935-960 MHz	Up Link 890-915 MHz
Frequency range	935-960 MHz	890-915 MHz
Pass Band, Nominal	25 MHz	
Gain at min. Attenuation, min.	80 dB	70 dB
Maximum Output Power	21 dBm	
Output Power @ 1 dB Compression	30 dBm	
Output IP3, min.	40 dBm	
Pass Band Ripple	±2 dB	
Noise Figure at min. attenuation, max.	5.5 dB	
Range of ALC output power setting points, dBm.	11-21 dBm (up 6 set points)	
Range of AGC, dB.	30 dB	
Limited Output Power, dBm.	28 dBm	
Protection from Oscillation and Overload	Automatic	
Impedance	50 Ohm	
VSWR, max.	2 : 1	
Input Power, No Damage, max.	-15 dBm	
Biasing (220 VAC/DC Adapter included)	6.7 VDC @ 3.5A 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

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