

## MR-HSBGSM60

### GSM High Selective Repeater

GSM High Selective Repeater is a high linear repeater which provides high frequency selectivity at low power consumption.

Additional Features:

- Auto Setup
- Overload protection
- Oscillation protection
- High Spectral Purity



### Specifications

#### Electrical

	Down Link	Up Link
Frequency Range	935-960 MHz	890-915 MHz
Operational Frequency Band, (Other available on request)	11.4 MHz;	11.4 MHz;
Gain at min. attenuation, min.	63 dB	60 dB
Pass Band Ripple	± 1.5 dB	
Maximum Output Power	21 dBm	13 dBm
Output IP3, min.	40 dBm	33 dBm
Range of ALC Output Power Setting Points, (Other available by request)	8-21 dBm (up 8 set points)	-
Limited Output Power, (Other available by request)	28 dBm	19 dBm
Range of AGC, step 1 dB (*)	30 dB	
Noise Figure at min. attenuation, max.	6.5 dB	
Selectivity: At 1 MHz offset from Pass Band edges, min.	50 dB	50 dB
Protection from Oscillation and Overload	Automatic	
Impedance	50 Ohm	
Propagation Delay, max	5 usec.	
VSWR, max.	2 : 1	
Biasing (Option - 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

(\*) Note 1: the up link Gain is always 3 dB lower than the down link Gain

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