

MR-DBHSDG-70YY

GSM Dual Band (900MHz & 1800MHz) Repeater

MR-DBHSDG-70YY is a high selective dual band medium RF power repeater with full band frequency range.

It provides a cost effective answer for enhancing radio communication in buildings, basements, parking garages and other RF shielded environments.

Additional Features

- Auto Setup
- Oscillation & Overload Protection
- AGC



Specifications

Electrical

	GSM 900		DCS 1800	
	Down Link	Up Link	Down Link	Up Link
Frequency Band*	935-960 MHz	890-915 MHz	1805-1880 MHz	1710-1785 MHz
Gain at min. attenuation	70 dB		70 dB	
Pass Band Ripple	±2 dB		±4 dB	
Max Output Power	15 dBm	15 dBm	18 dBm	18 dBm
Output IP3, min.	36 dBm	36 dBm	40 dBm	40 dBm
Intermodulation products, not more	-45 dBc		-45 dBc	
Limited Output Power (Shut down level)	20 dBm		23 dBm	
Range of AGC	30 dB		30 dB	
Noise Figure at min. attenuation, max.	6 dB		6 dB	
Propagation delay, max.	5 usec		5 usec	
Protection from Oscillation and Overload	Automatic		Automatic	
Impedance	50 Ohm		50 Ohm	
VSWR In/Out, max.	2 : 1		2 : 1	
Indications -Leds	"Power ON", "850 Signal", "2000 Signal"			
Standard: 3GPP TS 25.106	Compliance			
Biasing (220 VAC/DC Adapter included)	12 VDC @ 2 A			

Mechanical

Dimensions	310 x 200 x 60 mm
Weight	3 kg.
Connectors	N-Type, Female
Mount	Wall/Ceiling Mount

Environmental

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

(*) Other available on request

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