

MR-DBHSUC-70YY

CDMA/UMTS Dual Band (850MHz & 2000MHz) Repeater

MR-DBHSUC-70YY is a high selective (45-50dB) dual band medium RF power 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
- Oscillation & Overload Protection
- AGC



Specifications

Electrical

	CDMA 850		UMTS 2100	
	Down Link	Up Link	Down Link	Up Link
Frequency Band*	869-879 MHz	824-834 MHz	2140-2150 MHz	1950-1960 MHz
Gain at min. attenuation	68 dB	65 dB	75 dB	72 dB
Gain Difference - DL/UL	3 dB		3 dB	
Pass Band Ripple	±1.5 dB		±1.5 dB	
Max Output Power	15 dBm	12 dBm	17 dBm	12 dBm
Intermodulation products, not more	-45 dBc		-45 dBc	
Limited Output Power (Shut down level)	20 dBm	16 dBm	20 dBm	16 dBm
Range of AGC	30 dB		30 dB	
Noise Figure at min. attenuation, max.	6 dB		5 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			
Biassing (220 VAC/DC Adapter included)	12 VDC @ 2 A			

Mechanical

Dimensions	260 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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