

MR-HSBDA60-X

CDMA High Selective Repeater

MARS CDMA High Selective Repeater is a high linear repeater at low power consumption. It 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	869-894 MHz	824-849 MHz
Operational Frequency Band, (Other available on request)	10 MHz;	10 MHz;
Gain at min. attenuation, min.	63 dB	60 dB
Pass Band Ripple	3 dB	
Maximum Output Power	21 dBm	12 dBm
Selectivity: At 1 MHz offset from Pass Band edges, min.	50 dB	50 dB
Noise Figure at min. Attenuation	6.5 dB	
Range of AGC, step 1 dB (*)	30 dB	
Range of ALC Output Power Setting Points, (Other available by request)	8-21 dBm (up 8 set points)	-
Impedance In / Out	50 Ohm	
VSWR In / Out, max.	2 : 1	
Output IP3, min.	40 dBm	34 dBm
Propagation Delay, max.	5 usec	
Limited Output Power	28 dBm	19 dBm
Biasing (220 VAC/DC Adapter Included)	6.7 VDC @ 3.5A, max.	
Emission & Spurious	According to Standards	
Oscillation Protection	Yes	

Mechanical

Dimensions	280 x 250 x 65 mm
Weight	2.3 kg.
Connectors	N-Type, Female
Mount	Wall / Ceiling Mounting

Environmental

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

(*) The Up Link Gain is Always 3 dB Lower than down Link Gain

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