

MR-HSUMTS70-20

UMTS HS Bi-Directional Amplifier

MR-HSUMTS70-20 is a high selective 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 & Oscillation protection.
- "Down Link" RF Power indication.



Specifications

Electrical

	Down Link	Up Link
Frequency Band	2110-2170 MHz	1920-1980 MHz
Pass Band (*)	2140-2150 MHz	1950-1960 MHz
Gain at min. Attenuation, min.	73 dB	
Pass Band Ripple	±1.5 dB	
Rejection / 1 MHz from Pass Band, min.	45 dB	
Maximum Output Power	20dBm	
Range of ALC output power setting points, dBm	20-6 dBm (up to 8 set points)	
Range of AGC, dB	30 dB	
Output IP3, min.	40 dBm	
Output Power @ 1 dB Compression	30 dBm	
Propagation delay, max.	5 usec	
Noise Figure at min. attenuation, max.	6 dB	
Limited Output Power, dBm	28 dBm	
Impedance	50 Ohm	
VSWR, max.	2:1	
Protection from Oscillation and Overload	Automatic	
Biassing (220 VAC/DC Adapter included)	6.7 VDC @ 3.5 A 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

(*) Other available on request

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