Micro Repeater Operator Band

Adjustable band/High system gain/Available 20 dBm
700_800_900_1800_2100_2600 MHz

Key features

The **Repeater** is an ideal solution to solve indoor coverage problems of all operators.

The repeater functions as a relay between the BTS and cellphones. It picks up an external signal from a donor antenna and amplifies it to transmit it back to the area that needs to be covered trough the coverage antenna.

Benefits

- ☑ Adjustable band (2 subbands)
- ☑ Linear power amplification
- ☑ ALC (a stable and continuous output level)
- ☑ Available 20 dBm
- ☑ High system gain
- ☑ Low consumption

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Specifications

Technical characteristics

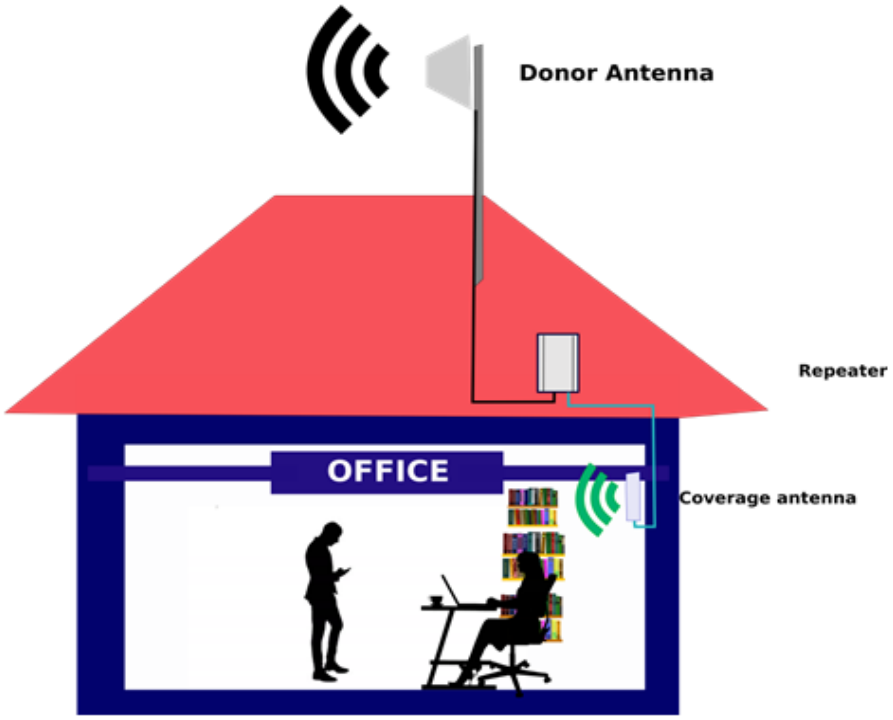
Frequency range		**700/2600 MHz**					
Frequency band		**4G**		**2G/3G**	**2G/4G**	**3G/4G**	**4G**
	UPLINK	703~733	832~862	880~915	1710~1785	1920~1980	2500~2570
	DOWNLINK	758~788	791~821	925~960	1805~1880	2110~2170	2620~2690
Bandwidth		Operator Band (2 sub-bands each 0.2-25 MHz)					
Maximum Gain		Uplink: 70±3dB;Downlink: 70±3dB					
Max output power	***+20 dBm***	Uplink: 20±2dBm; Downlink: 20±2dBm;					
AGC control range		≥20dB					
I/O Impedance		50 Ω					
Noise Figure		≤ 6dB					
System delay		≤ 8μs					
Spurious Emission		9kHz~1GHz: ≤ -36dBm/30kHz					
		1GHz~12.75GHz:≤-30dBm/30kHz					
Error Vector Magniture ***Peak Code Domain Error*** ***Third-order Inter-Modulation***		Compliance with 3GPP TS36.106					
Alarm Monitoring System		Alarm for uplink self-oscillation					
Control Connector (Optional)		RJ45 for Local (3G modem for remote)					

Mechanical characteristics

Type	Dual band or three band	Single band
RF Connector	N-Type (Female)	
Dimensions	318mm×265mm×113mm	318mm×265mm×68mm
Weight	≤11 kg	≤7.5kg
Application	Indoor(IP30)	

Electrical characteristics

Power Consumption	≤ 60W max	30W
Power Supply	Input AC100~ 240V Output DC 9V/10A	
Indication LED	Power supply, Alarm, state	
Operating Temperature	-10 ~ +45°C	
NMS(Optional)	Power supply, Output power, Gain, UL/DL ATT, etc.	



More information : www.see-critical.com

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