

JTD-RF-C20M-LxNx



FDD/TDD 4G 5G ??????(Home Booster)

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1-4 Weeks
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2021????????????5G????????????5G????????????5G?????3.5GHz
??5G????????5G???????

JTD-RF-C20M-LxNx 4G
5G ????????????????????????? 5G ?????????????????????????????????????4G
5G????????????????????BTS????4G 5G????????????5G BTS????????5G???????

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- ?????5G???SSB ARFCN?????????????
- ??????(MGC)??31dB????1dB?????????????
- ??????AGC????????????????????AGC
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- ??????????????????????????????????????
- ?????????????APP?????

Technical Specification:

Item		Uplink	Downlink
Frequency	LTE	Any one of band 1, 2, 3, 4, 5, 7, 8, 20, 28	
	NR	Any one of band NR 41, 77, 78	
Band width		Could be customized	
Gain	LTE	≥ 65dB	≥ 70dB
	NR	≥ 65dB	≥ 70dB
Output power	LTE	≥ 17dBm	≥ 17dBm
	NR	≥ 20dBm	≥ 20dBm
Ripple in band		≤ ±1.5dB	
VSWR		≤ 1.5dB	≤ 1.5dB
Manual gain control range (MGC)		1~31dB @ Step of 1dB	
Automatic gain control range (AGC)		≥ 40dB	≥ 40dB
Max input power without damage		0 dBm	0 dBm
input intermodulation		Fully comply with 3GPP	
output intermodulation		Fully comply with 3GPP	
Spurious Emission		Fully comply with 3GPP	
Error vector magnitude (EVM)		LTE ≤ 0% RMS, NR ≤ 3.5% RMS	
ACRR	5M	≥ 34dB @ P > 31 dBm	≥ 20dB @ P < 31 dBm
	10M	≥ 34dB @ P > 31 dBm	≥ 20dB @ P < 31 dBm
Noise figure		≤ 6dB	
Time delay		≤ 4us	
TDD synchronization		Adaptive synchronization	
Local maintenance		LCD+ press buttons+ Bluetooth connection mobile APP	
Power supply		AC (110~220V, 20%) to DC 12V/2A	
Power consumption		≤ 10W	
RF connector		SMA -Female	
Local control connector		Micro USB	
Protect grade		IP40	
Heat dissipation		Aluminum alloy radiator natural heat dissipation	
Shell material		ABS	
Environment temperature		-10℃ ~ 55℃	
Environment humidity		≤ 95%	
MTBF		>50,000 Hr.	
Size		180*130*45mm	
Weight		<1.8kg	