



Smart Extension Booster

EP-5G-PBS

Type	Frequency Bands	Uplink (MHz)	Downlink (MHz)
Penta Band	B28, B5, B2/25, B4/66 and B7	703-748/824-849/1850-1915/1710-1780/2500-2570	758-803/869-894/1930-1995/2110-2180/2620-2690

Specifications

ELECTRICAL		
Model	EP-5G-PBS	
Output power	UL: 17dBm DL: 20dBm	
Gain	UL: 65dB DL: 70dB	
Gain Adjust Range	≥30 dB;	
ALC Range	≥30 dB	
IMD3	≤ -32dBc	
Noise Figure	≤ 8dB	
Ripple in Band	≤ 7 dB	
Time Delay	≤ 1 μs	
Spurious Emission	9 kHz - 1 GHz	≤ -36 dBm @ 30 kHz
	1 GHz - 12.75 GHz	≤ -30 dBm @ 1 MHz
VSWR	≤ 1.5	
Port Impedance	50 Ω	
POWER, MECHANICAL & ENVIRONMENTAL		
Weight	Booster Device ≤2.5kg	
	Whole Kit ≤6 kg	
Dimension	210×150×30mm	
RF Connector	N Female	
Power Supply	AC:110-240 V , DC: 5V/3A	
Power Consumption	≤ 20 W	
Temperature	-25~+55°C	
Environmental Class	Booster: IP40	
	Antenna: IP65	