

Technical proposal for JX-PC-69-27-Nf-XdB Directional Coupler

Revision History

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1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	LxWxH: 129mm x 47.5mm x 24mm(±0.2mm)
Connector	N-Female
Finish	White
Weight	0.4 Kg
Notes	Material shall be RoHS 6/6
Packing	1pc/box

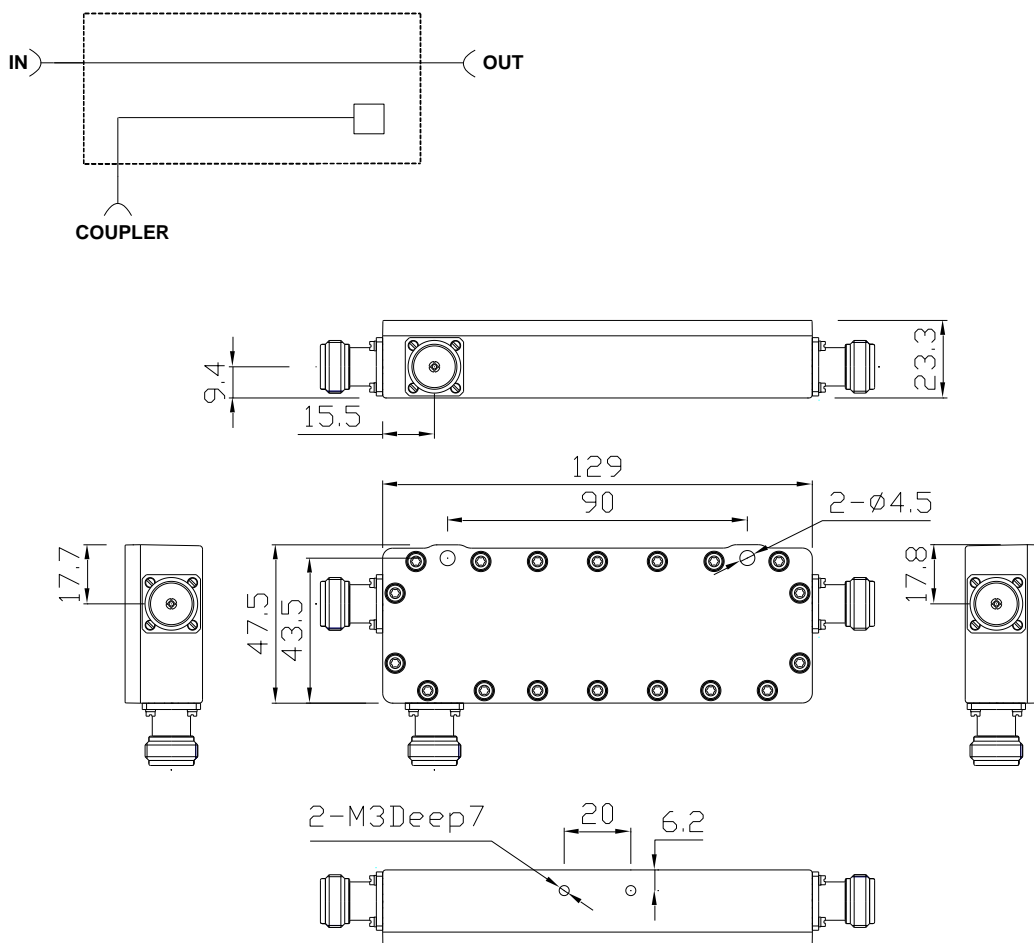


Figure 1 JX-PC-69-27-Nf-XdB Directional Coupler front panel layout

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2. Electrical Specifications

Table 2 Electrical Specifications

Model		JX-PC-69-27-Nf-XdB												
1	Frequency Rang	698-2700 MHz												
2	Type	5	6	7	8	10	12	15	20	25	30	35	40	
3	Coupling (dB)	±0.8				±1			±1.2				±1.5	
4	Mainline loss (dB)	≤2.1	≤1.65	≤1.3	≤1.1	≤0.75	≤0.6	≤0.4	≤0.3	≤0.2				
5	VSWR	≤ 1.25												
6	Isolation	≥25	≥26	≥27	≥28	≥30	≥32	≥35	≥40	≥45	≥50	≥55	≥60	
7	Intermodulation	-150dBc (3 rd order,With 2X20W)												
8	Power	200 W(avg)												
9	Impedance	50 Ω												
10	Operating temperature	-25 to +75℃												
11	Storage temperature	-40 to +85℃												
12	Relative Humidity	5% - 95%												
13	Applications	Indoor/Outdoor Use,IP66												

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