

# Technical proposal for JX-BC4X4-380M2700M-xxF Hybrid Coupler

- ◆ High Performance
- ◆ High Reliability

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2021/03/17	Wang	Created	/

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**JING XIN MICROWAVE TECHNOLOGY CO.,LTD**

E-mail: [sales@cdjx-mw.com](mailto:sales@cdjx-mw.com) Web: <http://www.cdjx-mw.com>

TEL: +86-28-85026087 FAX: +86-28-65026087 ext.8033 Zip Code:610045

Add: No.65,West 1st Wu Ke Road, Wu Hou District, Cheng Du City, Si Chuan Province, China.

Table 2 Electrical specifications @ JX-BC4X4-380M2700M-xxF.....5

## 1. Mechanical Specifications

Table 1 Mechanical specifications @ JX-BC4X4-380M2700M-xxF

Product number	JX-BC4X4-380M270 0M-NF	JX-BC4X4-380M270 0M-DINF	JX-BC4X4-380M270 0M-4310F
Dimension: L x W x H(mm)	251.8 x 101 x 53	251.8 x 101.2 x 53	251.8 x 101.2 x 53
Connectors	N-Female	DIN-Female	4.3-10/Female
Waterproof	IP65		
Notes	Material shall be RoHS 6/6		

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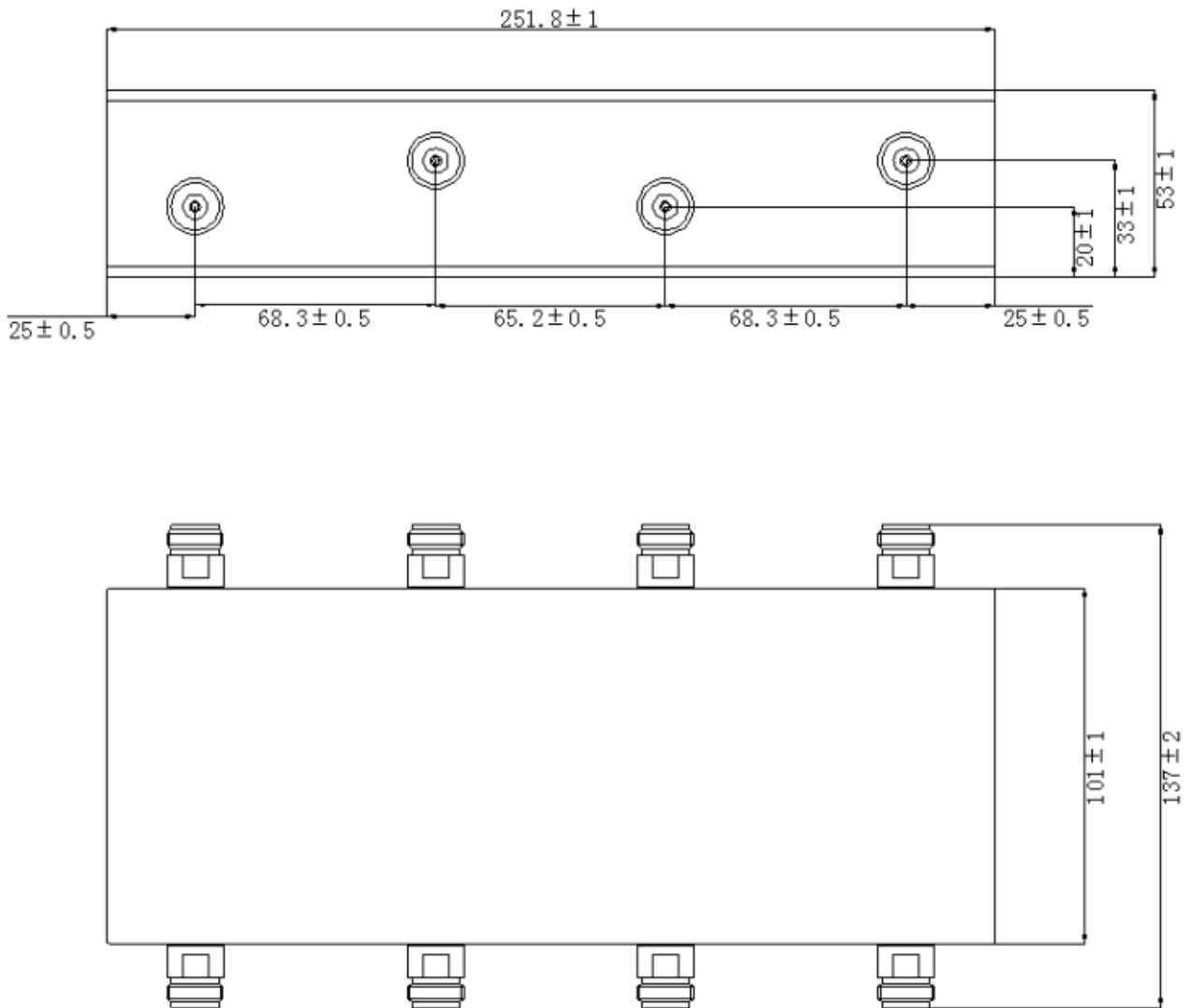


Figure 1 JX-BC4X4-380M2700M-NF front panel layout

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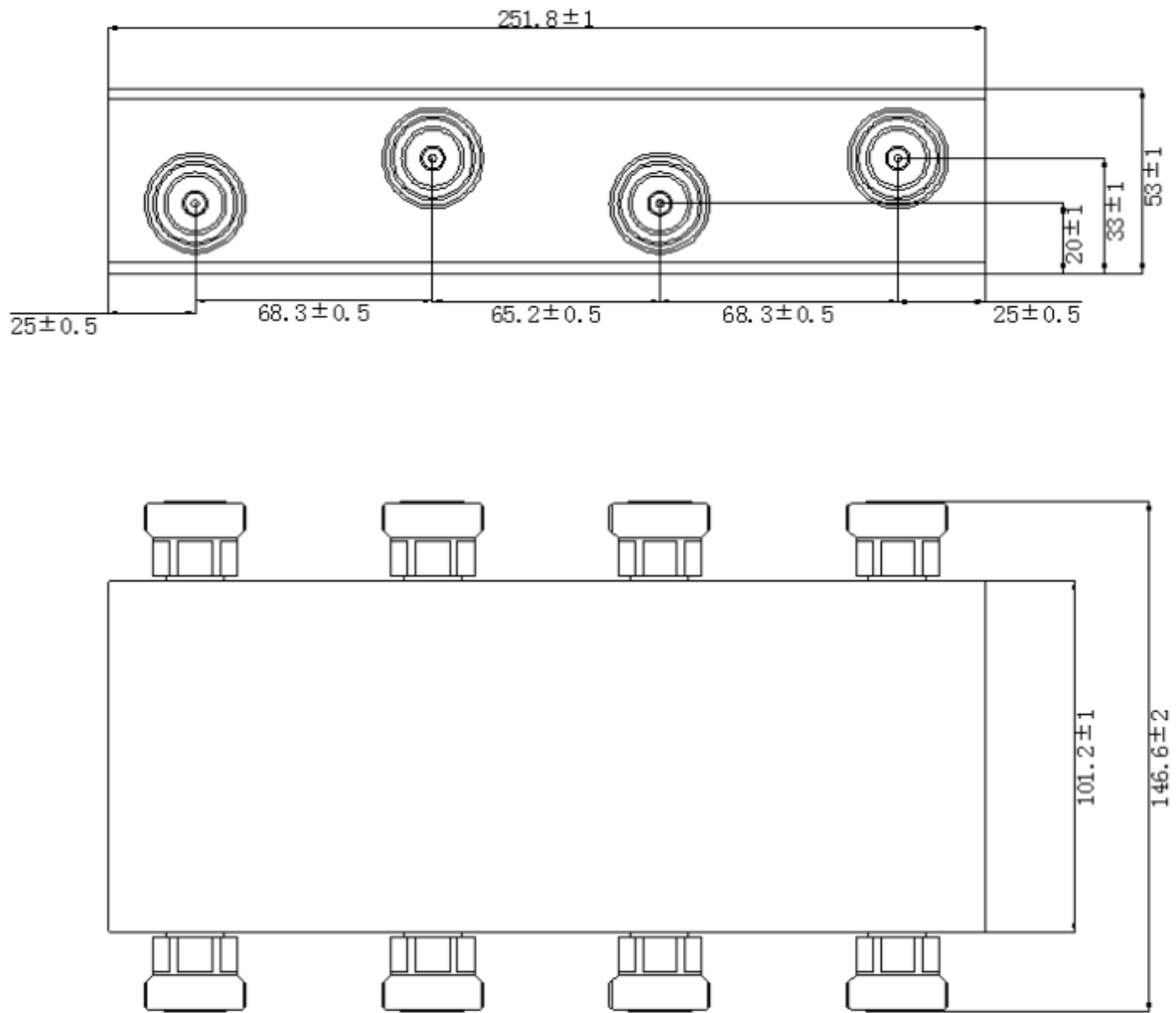


Figure 2 JX-BC4X4-380M2700M-DINF front panel layout

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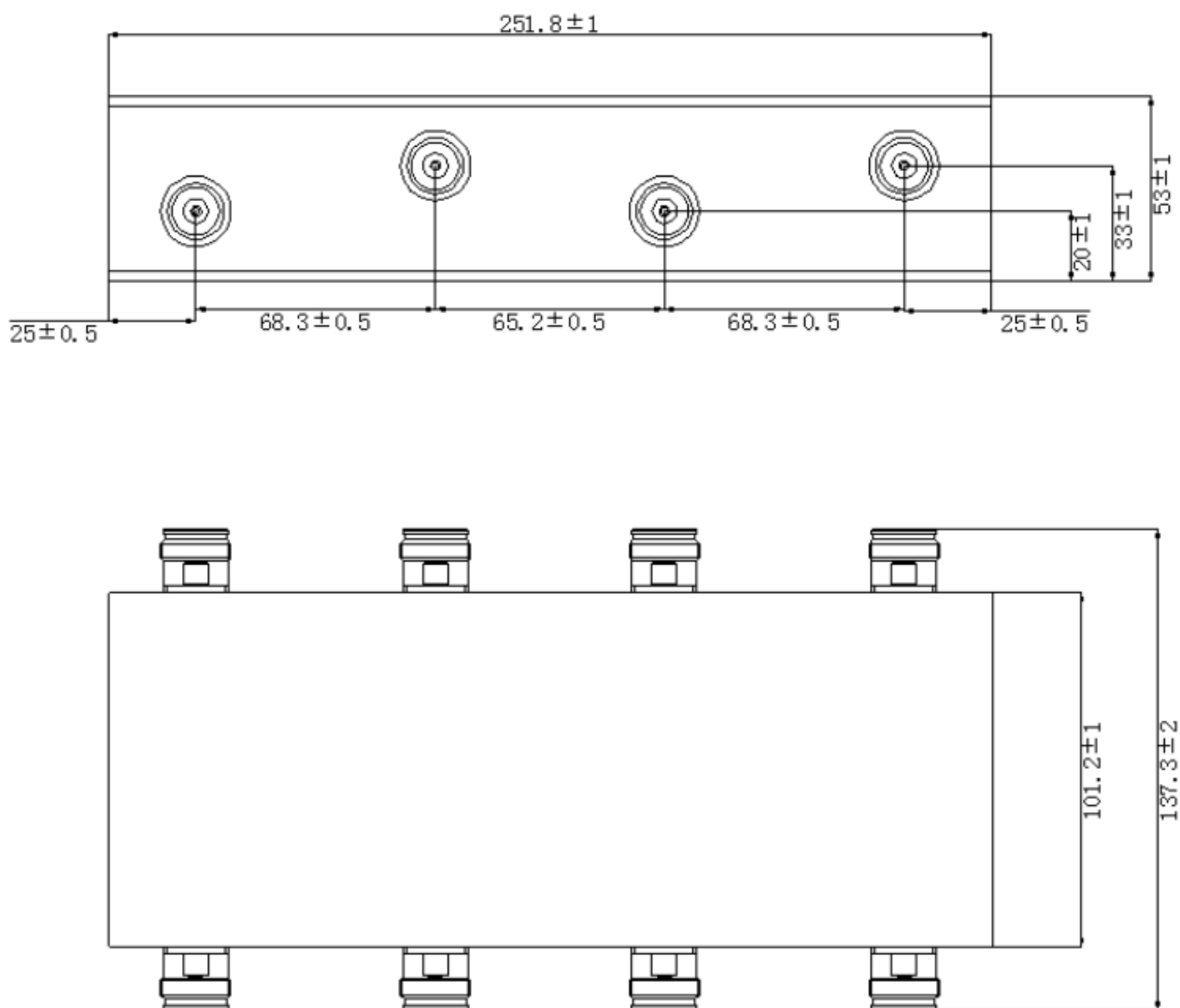


Figure 3 JX-BC4X4-380M2700M-4310F front panel layout

## 2. Electrical Specifications

Table 2 Electrical specifications @ JX-BC4X4-380M2700M-xxF

Item	Parameter	Specification
1	Frequency range	380-2700MHz
2	Coupling	6.1 ±2.0 dB 380-698 MHz
		6.1 ±1.1dB 698-2700MHz
3	VSWR	≤1.25

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**Professional manufacturer of  
passive microwave components**

JX-BC4X4-380M2700M-xxF\_17/03/2021\_Rev:V1.0



4	Insertion loss	$\leq 0.3\text{dB}$
5	Isolation	$\geq 23\text{dB}$
6	Average power (maximum)	150W @ Each port
7	PIM3	-150dBc @ 2*43dBm
8	Temperature range	-40°C to +65°C
9	Impedance	50Ω

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