

# Technical proposal for JX-BC2-1500M2500M-20S 3dB Bridge

- ◆ High Performance
- ◆ High Reliability

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2020/01/14	Lin liqun	Created	/

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## 1. Mechanical layout

Table 1 Mechanical specifications

Dimension	LxWxH: 105mm x 22mm x 11mm
Connectors	SMA-Female
Finish	Sandblasting conductive oxide
Notes	Material shall be RoHS 6/6

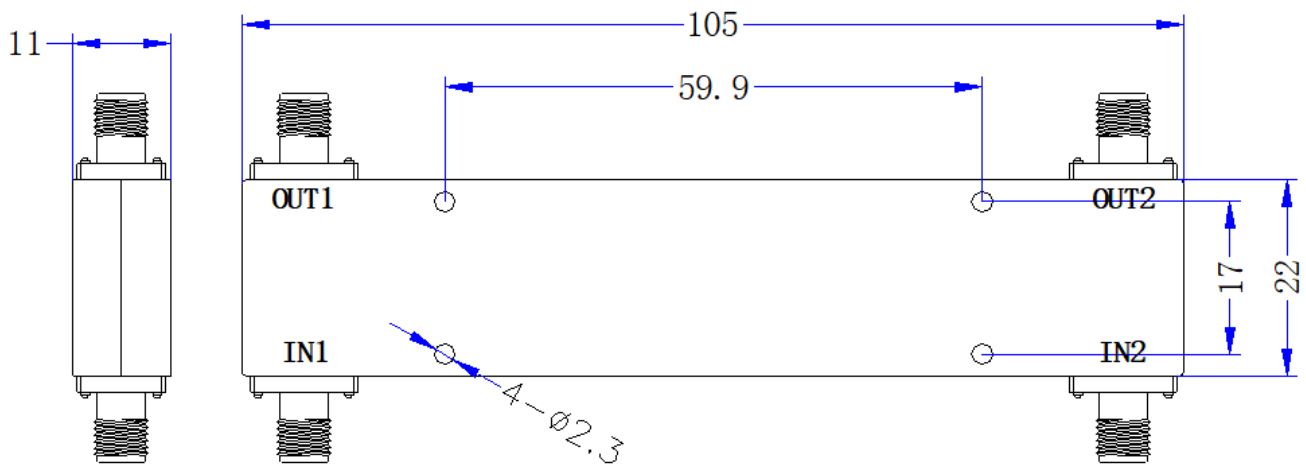


Figure 1 JX-BC2-1500M2500M-20S front panel layout

## 2. Electrical specifications

Table 2 Electrical specifications

Item	Parameter	Specification
1	Frequency range	1500-2500MHz
2	VSWR	$\leq 1.30:1$
3	Insertion loss	$\leq 0.5\text{dB}$
4	Isolation	$\geq 20\text{dB}$
5	Power	50W
6	Amplitude balance	$\pm 0.6\text{dB}$
7	Phase balance	$\pm 5^\circ$
8	Impedance all ports	50 $\Omega$

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