

# Technical proposal for JX-PD1-700M2700M-20S-1 Power Divider

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2018/08/02	Liqun.lin	Created	/

## Table of content

Technical proposal for JX-PD1-700M2700M-20S-1 Power Divider .....	1
1. Mechanical layout.....	2
2. Electrical Specifications .....	3

## Figures

Figure 1 JX-PD1-700M2700M-20S-1 .....	2
---------------------------------------	---

## Tables

Table 1 Mechanical Specifications .....	2
Table 2 Electrical Specifications .....	3

**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: +86-28-65941390 Zip Code:610045

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

## 1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	LxWxH: 40mm x 36mm x 12mm
Connectors	SMA-Female
Finish	Sandblasting natural color conductive oxide
Notes	Material shall be RoHS 6/6

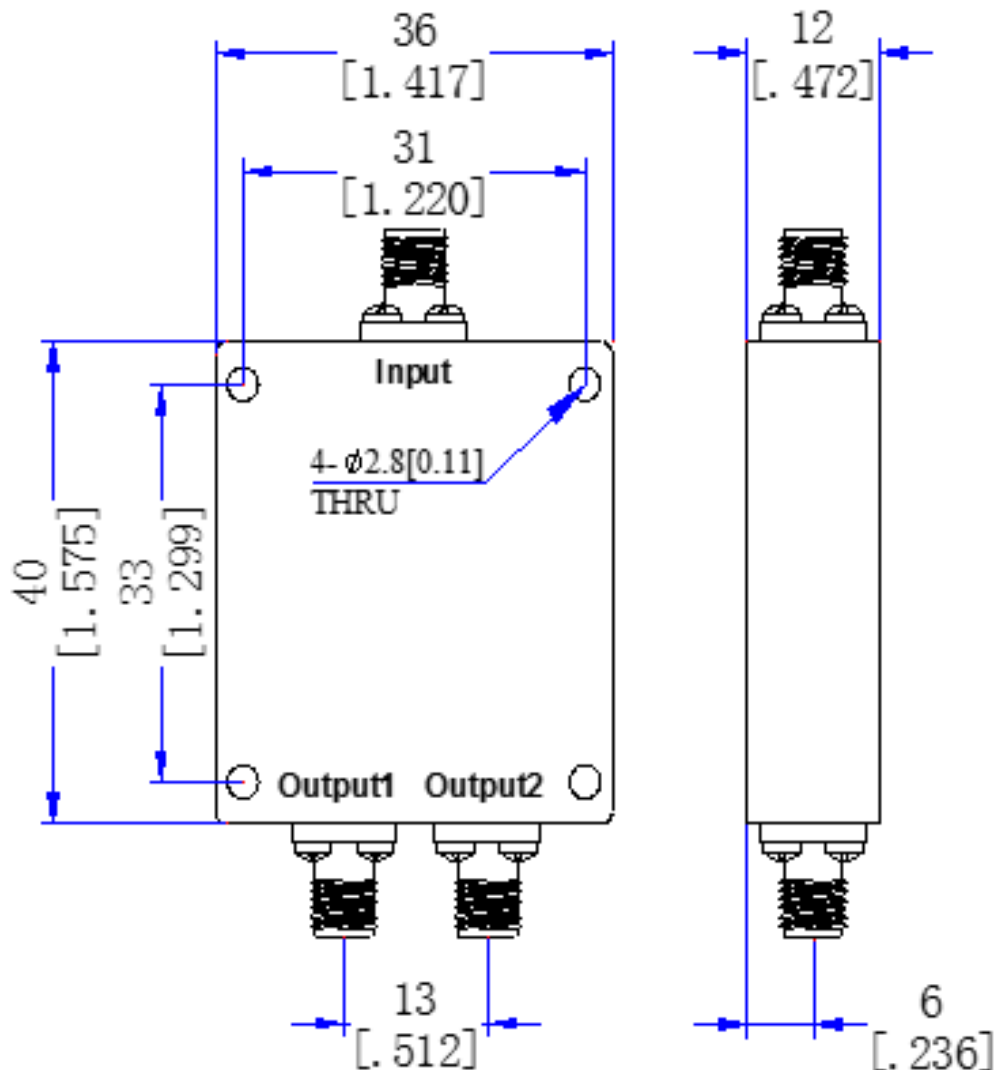


Figure 1 JX-PD1-700M2700M-20S-1

**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: +86-28-65941390 Zip Code:610045

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

## 2. Electrical Specifications

Table 2 Electrical Specifications

Item	Parameter	Spec
1	Frequency Range	700-2700MHz
2	Insertion Loss	$\leq 0.4$ dB (Excluding theoretical loss 3.0 dB)
3	Input Port VSWR	$\leq 1.2: 1$
4	Output Port VSWR	$\leq 1.2: 1$
5	Isolation	$\geq 20$ dB
6	Amplitude Balance	$\leq 0.2$ dB
7	Phase Balance	$\pm 2^\circ$
8	Impedance	50 Ohms
9	Forward Power	30W;
10	Reverse Power	2W
11	Operation Temperature	$-35^\circ\text{C} \sim +75^\circ\text{C}$

**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: +86-28-65941390 Zip Code:610045

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