

Technical proposal for JX-PD-7002700-S-8 Power Divider

Revision History

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Table of content

Technical proposal for JX-PD-7002700-S-8 Splitters	1
1. Mechanical layout.....	3
2. Electrical specifications	4

Figures

Figure 1 JX-PD-7002700-S-8 front panel layout	3
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Tables

Table 1 Mechanical Specifications	3
Table 2 Electrical specifications.....	4

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1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	LxWxH: 116mm x 65mm x 12mm
Connectors	SMA-Female
Finish	Sandblasting natural color conductive oxide
Notes	Material shall be RoHS 6/6

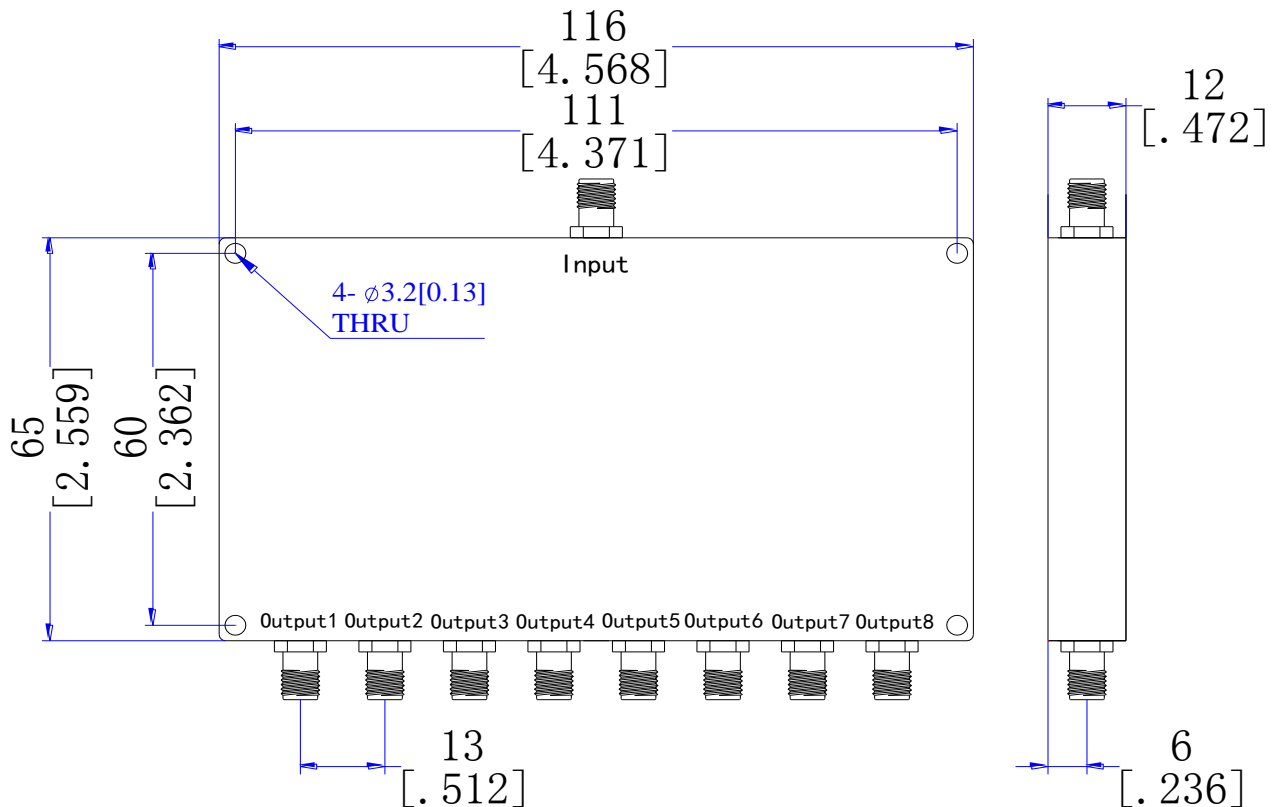


Figure 1 JX-PD-7002700-S-8 front panel layout

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2. Electrical specifications

Table 2 Electrical specifications

Item	Parameter	Spec
1	Frequency range	700-2700MHz
2	Input Port VSWR	$\leq 1.25\text{dB}$
	Output Port VSWR	$\leq 1.2\text{dB}$
3	Max insertion loss	$\leq 0.8\text{dB}$ (Excluding theoretical loss 9.0dB)
4	Isolation	$\geq 18\text{dB}$
5	Amplitude Balance	$\pm 0.3\text{dB}$
6	Phase Balance	$\pm 4^\circ$
7	Forward Power	30W
8	Reverse Power	2W
9	Impedance all ports	50Ohm
10	Operating Temperature	$-35^\circ\text{C} \sim +75^\circ\text{C}$

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