

Technical proposal for JX-PD2-134M3700M-18N Power Divider

Revision History

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1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	LxWxH: 111mm x 50mm x 20mm
Connectors	N-Female
Finish	Sandblasting natural color conductive oxide
Notes	Material shall be RoHS 6/6

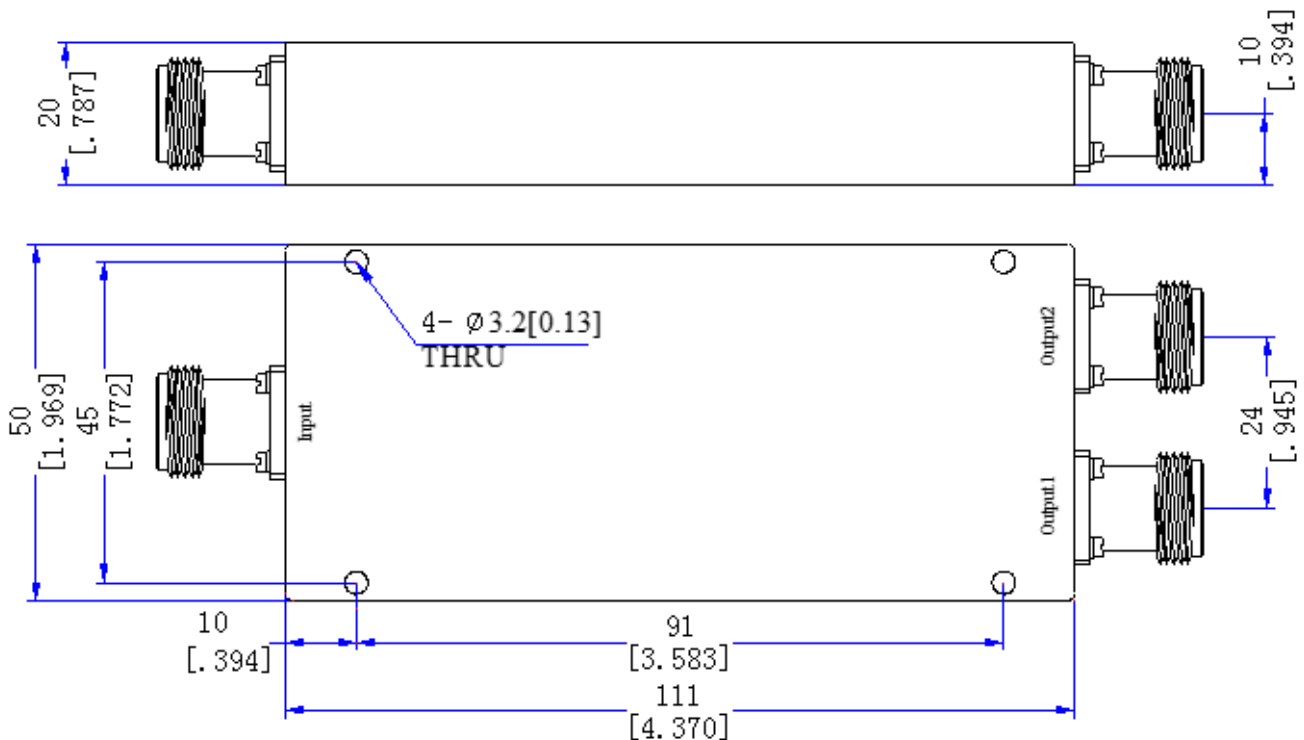


Figure 1 JX-PD2-134M3700M-18N front panel layout

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2. Electrical Specifications

Table 2 Electrical Specifications

Item	Parameter	Spec
1	Frequency Range	134-3700MHz
2	Insertion Loss	≤ 2.2 dB(Excluding theoretical loss 3.0dB)
3	Input Port VSWR	$\leq 1.3: 1$
4	Output Port VSWR	$\leq 1.2: 1$
5	Isolation	≥ 18 dB
6	Amplitude Balance	≤ 0.3 dB
7	Phase Balance	$\pm 3^\circ$
8	Impedance	50 Ohms
9	Forward Power	30W;
10	Reverse Power	2W
11	Operation Temperature	-35°C~+75°C

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