

Technical Proposal for JX-PD8-2G18G-16S Power Divider

- ◆ High Performance
- ◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
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1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	L x W x H: 148.5mm x 95mm x 10mm
Port connectors	SMA- Female
Finish	Blue paint
Notes	Material shall be RoHS 6/6

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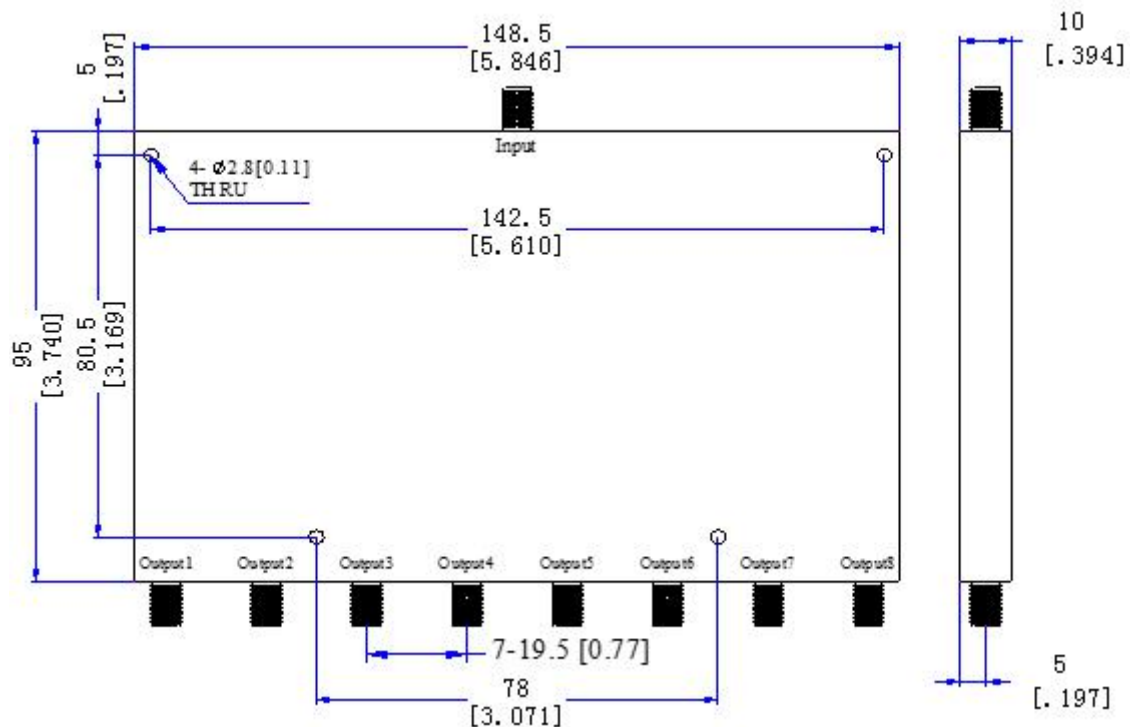


Figure 1 JX-PD8-2G18G-16S front panel layout

2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	Specification
1	Frequency range	2000-18000MHz
2	Insertion loss	≤3.2dB (Excluding theoretical loss 9.0 dB)
3	Input port VSWR	Typ.1.5 / Max.1.7
4	Output port VSWR	Typ.1.4 / Max.1.5
5	Isolation	Typ. 18dB / Min. 16 dB
6	Amplitude balance	≤ 0.5dB
7	Phase balance	±10°
8	Forward power	20W
9	Reverse power	1W
10	Impedance	50Ω
11	Temperature range	-45°C to+85°C

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