

Technical Proposal for JX-PD2-0.5G18G-30WS Power Divider

- ◆ High Performance
- ◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2020/11/16	Wang	Created	/

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1. Mechanical specification

Table 1 Mechanical specifications @ JX-PD2-0.5G18G-30WS

Dimension	L x W x H: 154mm x 24mm x 10mm
Connectors	SMA-Female
Finish	Grey painting
Notes	Material shall be RoHS 6/6

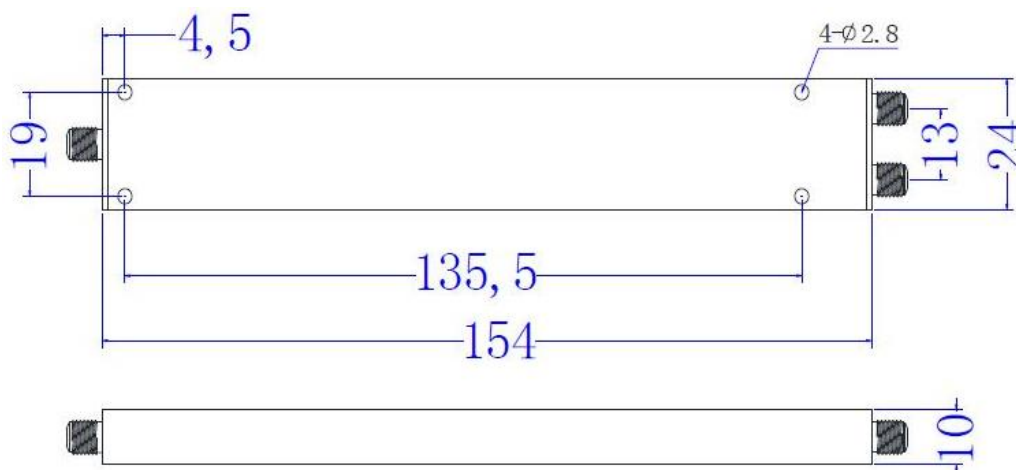


Figure 1 JX-PD2-0.5G18G-30WS front panel layout

2. Electrical specification

Table 2 Electrical specifications @ JX-PD2-0.5G18G-30WS

Item	Parameter	Specifications
1	Frequency range	500-18000MHz
2	Insertion loss	≤1.7dB (Exclusive the 3dB Split Loss)
3	VSWR	≤1.6(Input) & ≤1.4(Output)
4	Amplitude balance	≤±0.5dB
5	Phase balance	≤±5degree
6	Isolation	≥16dB
7	Average power	30W (Forward) & 2W (Reverse)
8	Impedance	50Ω
9	Operating temperature	-40°C to +85°C
10	Storage temperature	-45°C to +90°C

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