

# Technical proposal for JX-PD2-134M3700M-18F4310 Power Divider

◆ High Performance

◆ High Reliability

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2023/12/19	Vivian	Created	/

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## 1. Mechanical specifications

Table 1 Mechanical specifications @ JX-PD2-134M3700M-18F4310

Dimension	L x W x H: 103.0x54.0x24.0mm
Connectors	4310-Female
Finish	Grey painting
Notes	Material shall be RoHS 6/6

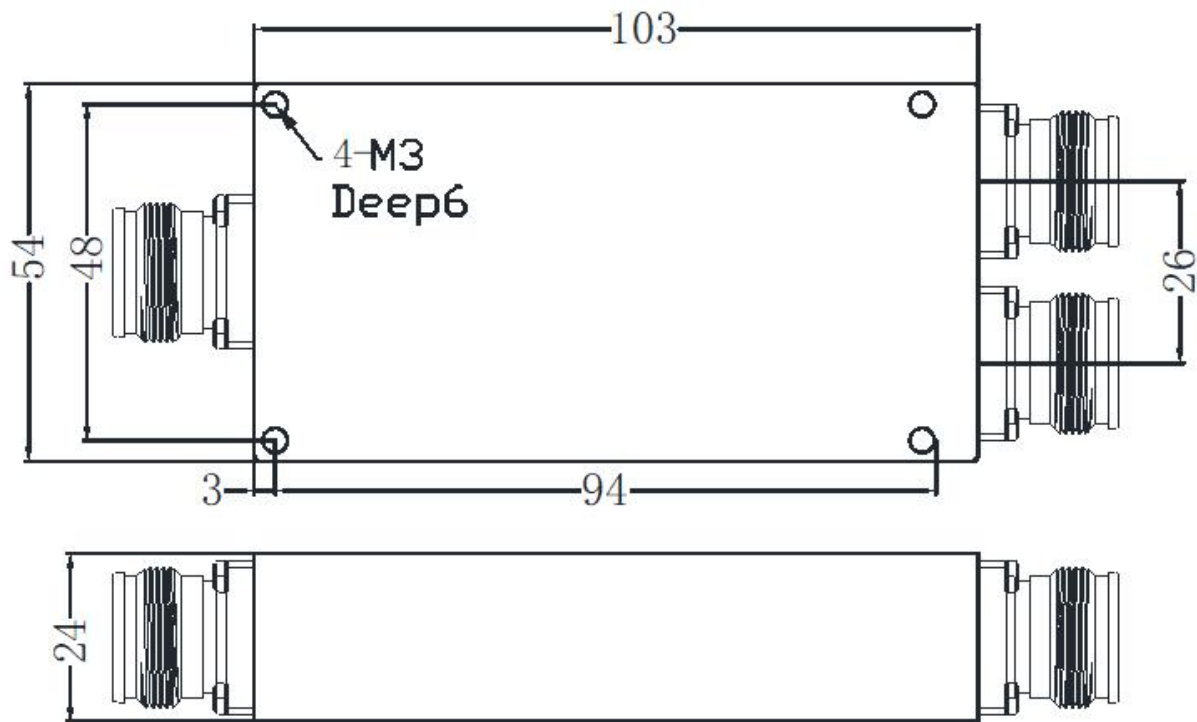


Figure 1 JX-PD2-134M3700M-18F4310 front panel layout

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## 2. Electrical specifications

Table 2 Electrical specifications @ JX-PD2-134M3700M-18F4310

Item	Parameter	Specifications
1	Frequency range	134-3700MHz
2	Insertion loss	$\leq 2$ dB (Exclusive the 3dB split loss)
3	VSWR	$\leq 1.3$ (Input) & $\leq 1.3$ (Output)
4	Amplitude balance	$\leq \pm 0.3$ dB
5	Phase balance	$\leq \pm 3$ degree
6	Isolation	$\geq 18$ dB
7	Average power	20W (Forward) 2W (Reverse)
8	Impedance	50 $\Omega$
9	Operating temperature	-40°C to +80°C
10	Storage temperature	-45°C to +85°C
11	Intermodulation	140dBC@2*43dBm

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