

Technical proposal for JX-PD4-140M500M-20N Power Divider

◆ High Performance

◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2021/11/1	Lin liqun	Created	/

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1. Mechanical layout

Table 1 Mechanical specifications

Dimension	L x W x H: 160mm x 120mm x 20mm
Connectors	N-Female
Finish	Conductive oxidation
Notes	Material shall be RoHS 6/6

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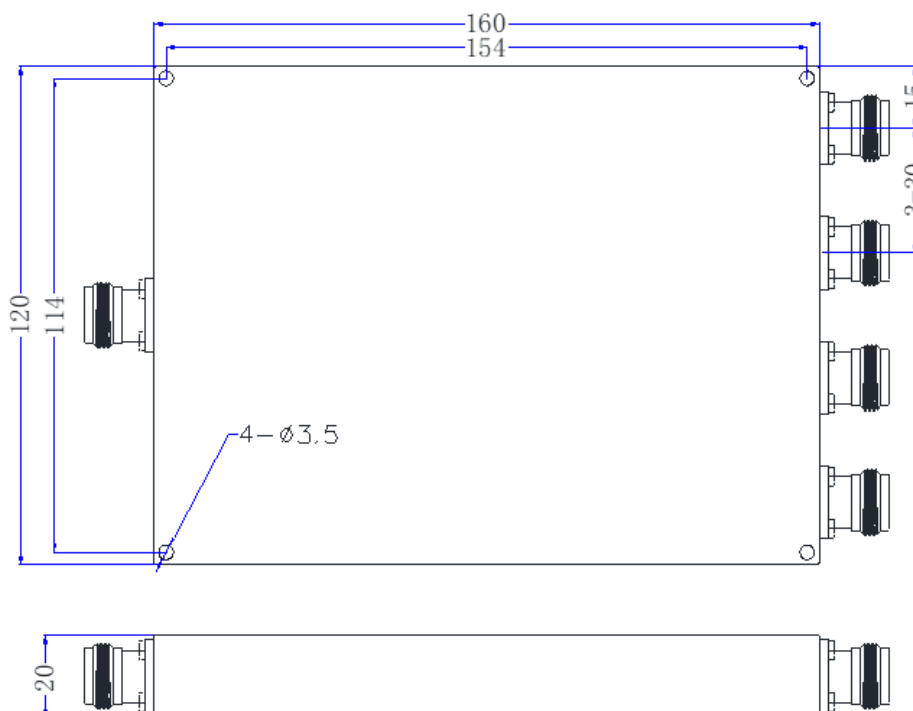


Figure 1 JX-PD4-140M500M-20N front panel layout

2. Electrical specification

Table 2 Electrical specifications

Item	Parameter	Specification
1	Frequency range	140-500MHz
2	Insertion loss	≤ 1.6dB(Excluseve the 6dB Split Loss)
3	Input VSWR	≤1.6
	Output VSWR	≤1.3
4	Isolation	≥20dB
5	Amplitude balance	≤±0.4dB
6	Phase balance	≤±4°
7	Average power	100W (Forward) // 2W (Reverse)
8	Impedance	50Ω
9	Operating temperature	-40°C to +80°C
10	Storage temperature	-45°C to +85°C

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