

# Technical Proposal for JX-LCC2-66M520M-40N LC Combiner

- ◆ Low Insertion Loss
- ◆ High Performance
- ◆ Small volume
- ◆ High Reliability

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2019/02/18	Lin liqun	Created	/

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## Table of content

Technical Proposal for JX-LCC2-66M520M-40N LC Combiner .....	1
1. Mechanical layout.....	3
2. Electrical analysis.....	3

## Figures

Figure 1 JX-LCC2-66M520M-40N front panel layout .....	3
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## Tables

Table 1 Mechanical Specifications .....	3
Table 2 Electrical specifications.....	3

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## 1. Mechanical layout

Table 1 Mechanical Specifications

Port connectors	N/ Female
Dimension	L x W x H: 60mm x 48mm x 22mm
Weight	≤0.15kg
Finish	Black
Environmental	Indoor Application
Notes	Material shall be RoHS 6/6

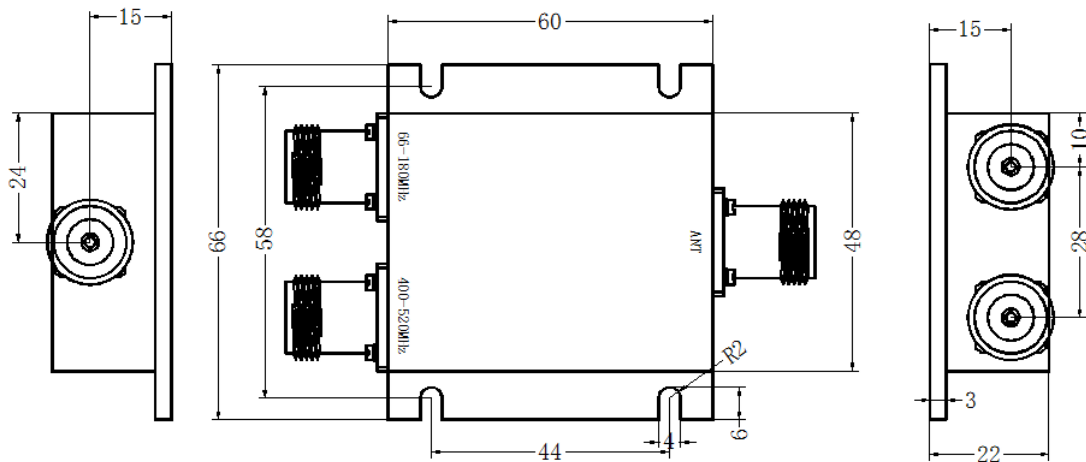


Figure 1 JX-LCC2-66M520M-40N front panel layout

## 2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	66-180MHz	400-520MHz
1	Bandwidth	114MHz	120MHz
2	Insertion loss	≤1.0dB	≤1.0dB
3	In-band ripple	≤0.6dB	≤0.6dB
4	Rejections	≥40dB@400-520MHz	≥40dB@66-180MHz
5	Isolation	≥40dB@400-520MHz	≥40dB@66-180MHz
6	Return loss	≥15dB	
7	Impedance	50Ω	
8	Power	50W	
9	Temperature Range	-25°C to +65°C	

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