

Technical Proposal for JX-LCC2-66M470M-40N LC Combiner

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

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2020/05/20	Lee	Created	/

Table of content

Technical Proposal for JX-LCC2-66M470M-40N LC Combiner	1
1. Mechanical layout.....	2
2. Electrical analysis.....	2

Figures

Figure 1 JX-LCC2-66M470M-40N front panel layout	2
---	---

Tables

Table 1 Mechanical specification.....	2
Table 2 Electrical specifications.....	2

JING XIN MICROWAVE TECHNOLOGY CO.,LTD

E-mail: sales@cdjx-mw.com Web: <http://www.cdjx-mw.com>

TEL: +86-28-85026087 FAX: +86-28-65026087 ext.8033 Zip Code:610045

Add: No.65,West 1st Wu Ke Road, Wu Hou District, Cheng Du City, Si Chuan Province, China.

1. Mechanical layout

Table 1 Mechanical specification

Port connectors	N-Female
Dimension	L x W x H: 60mm x 66mm x 22mm
Weight	≤0.15kg
Finish	Conductive oxidation of aluminum alloy
Environmental	Indoor application
Notes	Material shall be RoHS 6/6

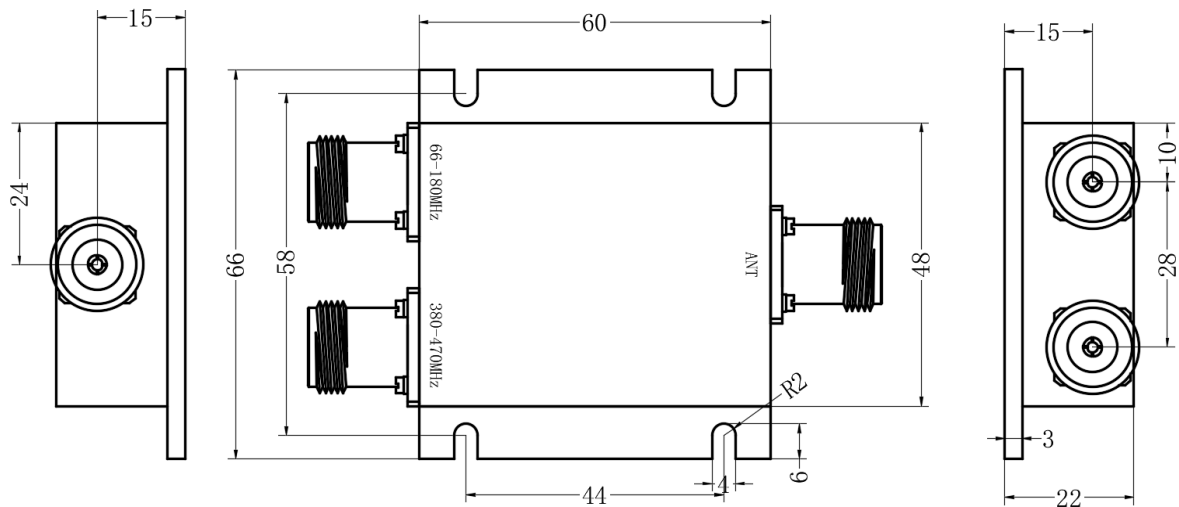


Figure 1 JX-LCC2-66M470M-40N front panel layout

2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	66-180MHz	380-470MHz
1	Bandwidth	114MHz	90MHz
2	Insertion loss	≤1.0dB	≤1.0dB
3	In-band ripple	≤0.6dB	≤0.6dB
4	Rejections	≥40dB@380-470MHz	≥40dB@66-180MHz
5	Isolation	≥40dB@66-180MHz & 380-470MHz	
6	Return loss	≥15dB	
7	Impedance	50Ω	
8	Power	50W	
9	Temperature Range	-25°C to +65°C	

JING XIN MICROWAVE TECHNOLOGY CO.,LTD

E-mail: sales@cdjx-mw.com Web: <http://www.cdjx-mw.com>

TEL: +86-28-85026087 FAX: +86-28-65026087 ext.8033 Zip Code:610045

Add: No.65,West 1st Wu Ke Road, Wu Hou District, Cheng Du City, Si Chuan Province, China.