

Technical proposal for JX-CC2-158.3M161.8M-70N Cavity Combiner

- ◆ High Performance
- ◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2019/05/21	Lin liqun	Created	/

Table of content

Technical proposal for JX-CC2-158.3M161.8M-70N Cavity Combiner	1
1. Mechanical layout.....	2
2. Electrical analysis.....	2

Figures

Figure 1 JX-CC2-158.3M161.8M-70N front panel layout	2
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Tables

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

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1. Mechanical layout

Table 1 Mechanical specifications

Dimension	L x W x H: 304mm x 70mm x 100mm(110mm Max)
Connectors	N-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

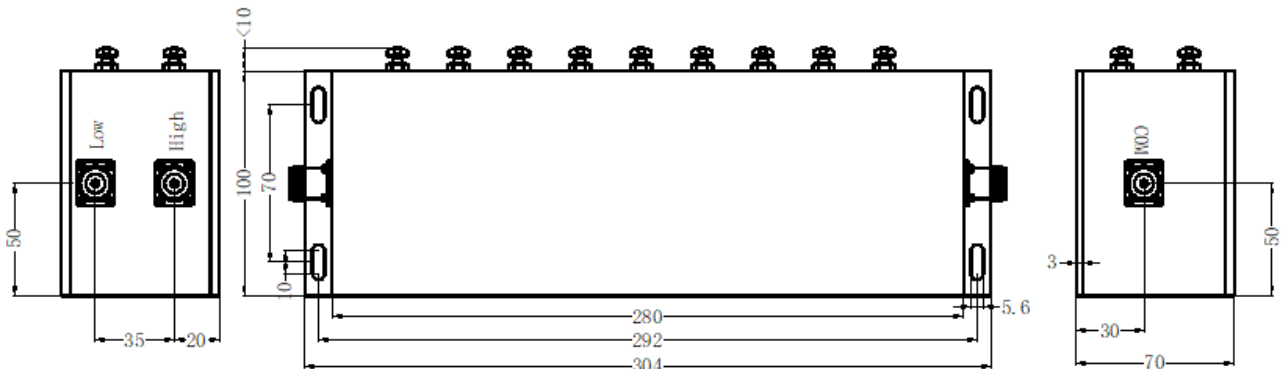


Figure 1 JX-CC2-158.3M161.8M-70N front panel layout

2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	Low	High
1	Frequency range	158.3-159.3MHz	160.5-161.8MHz
2	Return loss	$\geq 15\text{dB}$	
3	Insertion loss	$\leq 5.5\text{dB}$	
4	Isolation	$\geq 70\text{dB}$ @158.3-159.3&160.5-161.8	
5	Power	2W	
6	Impedance	50 Ω	
7	Temperature range	-20°C to +55°C	

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