

Technical Proposal for JX-CC3-7400M20200M-40S Cavity Combiner

- ◆ Low Insertion Loss
- ◆ High Isolation
- ◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2019/01/21	Lin liqun	Created	/
V1.1	2019/07/23	Lee	Updated the mechanical layout	M2.8 → M2.5

Table of content

Technical Proposal for JX-CC3-7400M20200M-40S Cavity Combiner	1
1. Mechanical layout.....	2
2. Electrical analysis.....	2

Figures

Figure 1 JX-CC3-7400M20200M-40S front panel layout	2
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Tables

Table 1 Mechanical specifications @ JX-CC3-7400M20200M-40S.....	2
Table 2 Electrical specifications @ JX-CC3-7400M20200M-40S	2

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1. Mechanical layout

Table 1 Mechanical specifications @ JX-CC3-7400M20200M-40S

Port connectors	SMA- Female
Dimension	L x W x H: 70mm x50mm x 15mm
Finish	Black Plated or Customized (Paint spraying)
Application Environment	Indoor type
Notes	Material shall be RoHS 6/6

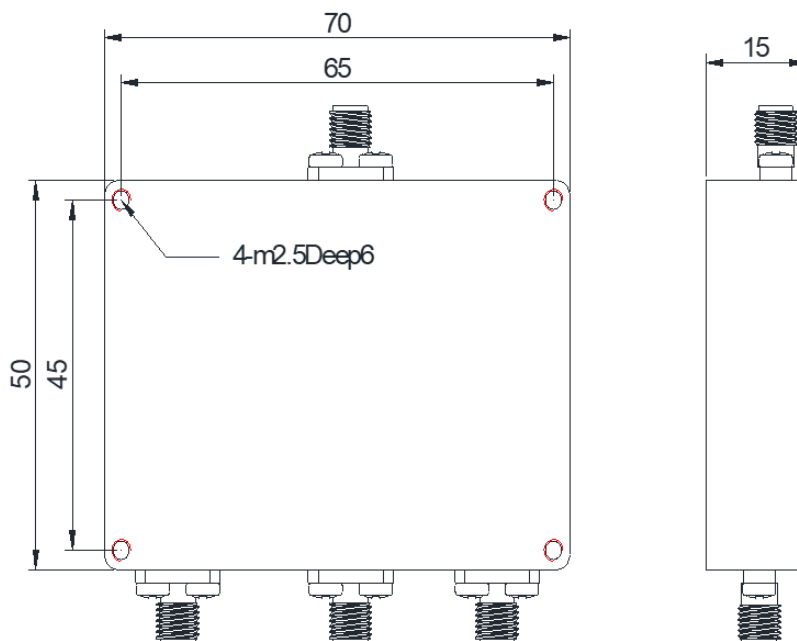


Figure 1 JX-CC3-7400M20200M-40S front panel layout

2. Electrical analysis

Table 2 Electrical specifications @ JX-CC3-7400M20200M-40S

Item	Parameter	Band 1	Band 2	Band 3
1	Frequency range	7400-7600MHz	10500-12750MHz	18300-20200MHz
2	Return loss	≥16dB	≥16dB	≥16dB
3	Insertion loss	≤0.5dB	≤0.5dB	≤0.5dB
4	Isolation	≥40dB		
5	Power	≤5W		
6	Impedance	50Ω		

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**Professional manufacturer of
passive microwave components**

JX-CC3-7400M20200M-40S_23/07/2019_Rev:V1.1



7	Temperature range	-25 °C to +65 °C
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