

# Technical proposal for JX-CC4-880M1880M-65AS Multiplexer

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2018/11/13	Sam Chen	Created	/
V1.1	2018/11/20	Sam Chen	Update technical proposal	/

## JING XIN MICROWAVE TECHNOLOGY CO.,LTD

E-mail: [sales@cdjx-mw.com](mailto:sales@cdjx-mw.com) <http://www.cdjx-mw.com>

TEL: +86-28-85026087 FAX: +86-28-65941390

NO.65 West 1<sup>st</sup> Wu Ke Road,Wuhou District, ChengDu City,si Chuan Province China. Zip Code:610045

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### 1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	L x W x H: 155mm x 110mm x 25.5mm(±0.2mm)
Port connectors	SMA-Female
Finish	Silver
Notes	Material shall be Ro HS 6/6

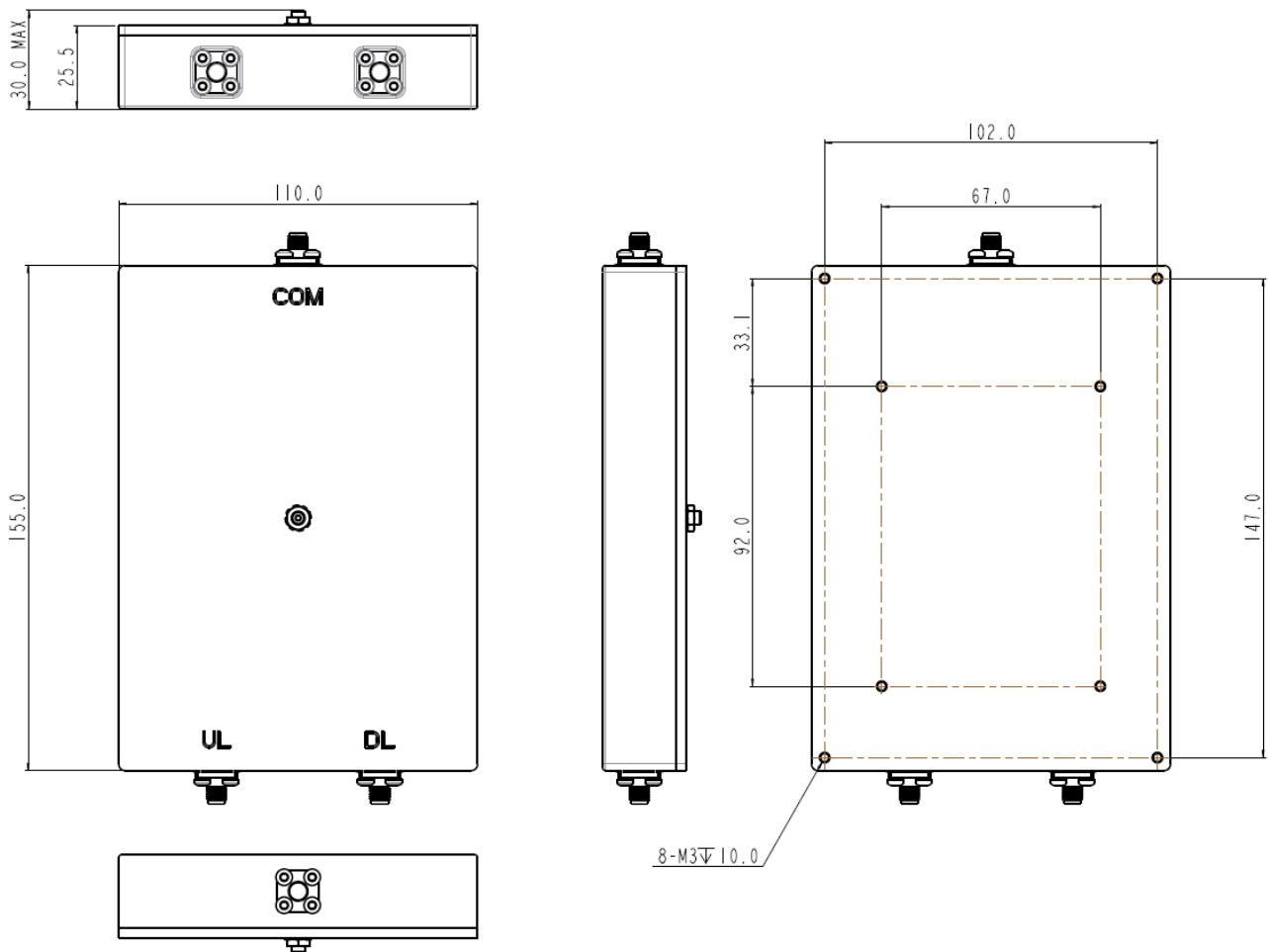


Figure 1 JX-CC4-880M1880M-65AS Multiplexer front panel layout

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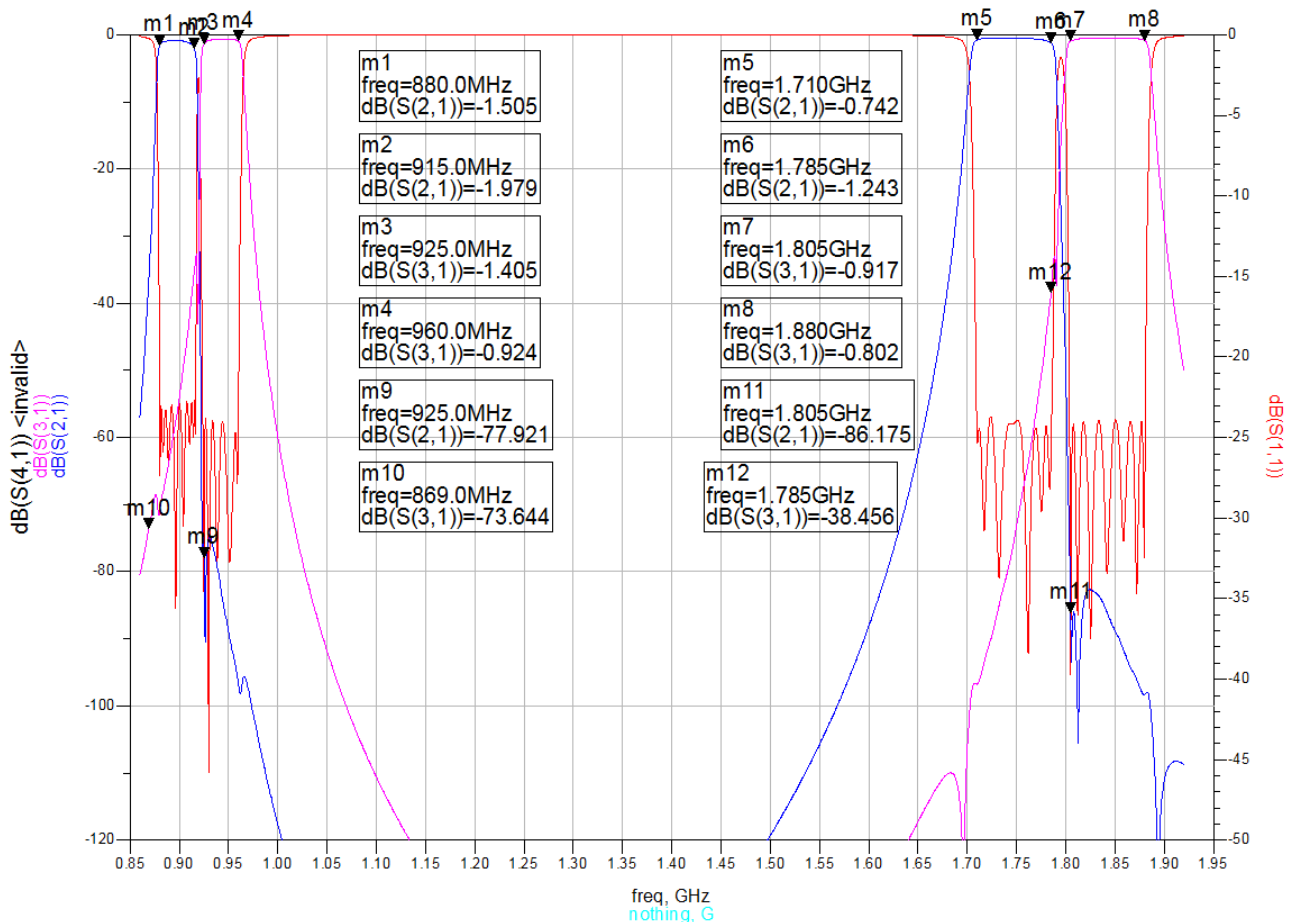
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## 2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	DL	UL	JX
1	Frequency Range	925-960MHz&1805-1880MHz	880-915MHz&1710-1785MHz	OK
2	Insertion loss	≤1.5dB	≤2.0dB	OK
3	Return Loss	≥15dB		OK
4	Rejection	≥20dB@880-915MHz ≥20dB@1710-1785MHz	≥65dB@925-960MHz ≥65dB@1805-1880MHz	OK
5	Power	1 Watt		OK
6	Impedance	50 Ω		OK
7	Temperature range	0-70℃		OK
8	Material	In door use		OK

The simulation curve



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