

Technical proposal for JX-CF1-2300M2400M-60S Filter

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2018/10/12	Sam Chen	Created	/
V1.1	2018/10/30	Sam Chen	Update	/

JING XIN MICROWAVE TECHNOLOGY CO.,LTD

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

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

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

Table of content

Technical proposal for JX-CF1-2300M2400M-60S Filter	1
1. Mechanical layout	3
2. Electrical analysis	4

Figures

Figure 1 JX-CF1-2300M2400M-60S Filter front panel layout	3
--	---

Tables

Table 1 Mechanical Specifications	3
Table 2 Electrical specifications	4

JING XIN MICROWAVE TECHNOLOGY CO.,LTD

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

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

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

1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	L x W x H: 100mm x 45mm x 31mm(± 0.2 mm)
Port connectors	SMA-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

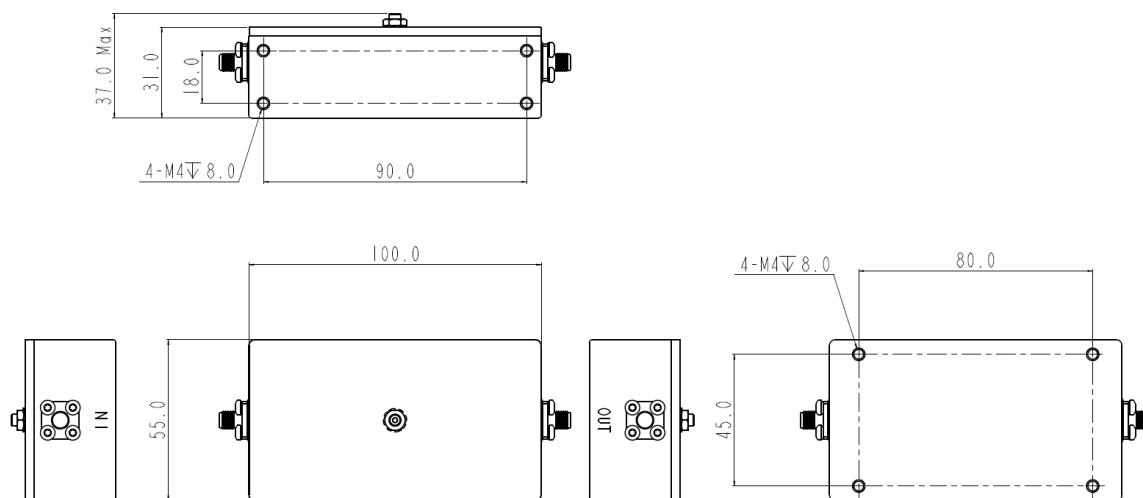


Figure 1 JX-CF1-2300M2400M-60S Filter front panel layout

JING XIN MICROWAVE TECHNOLOGY CO.,LTD

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

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

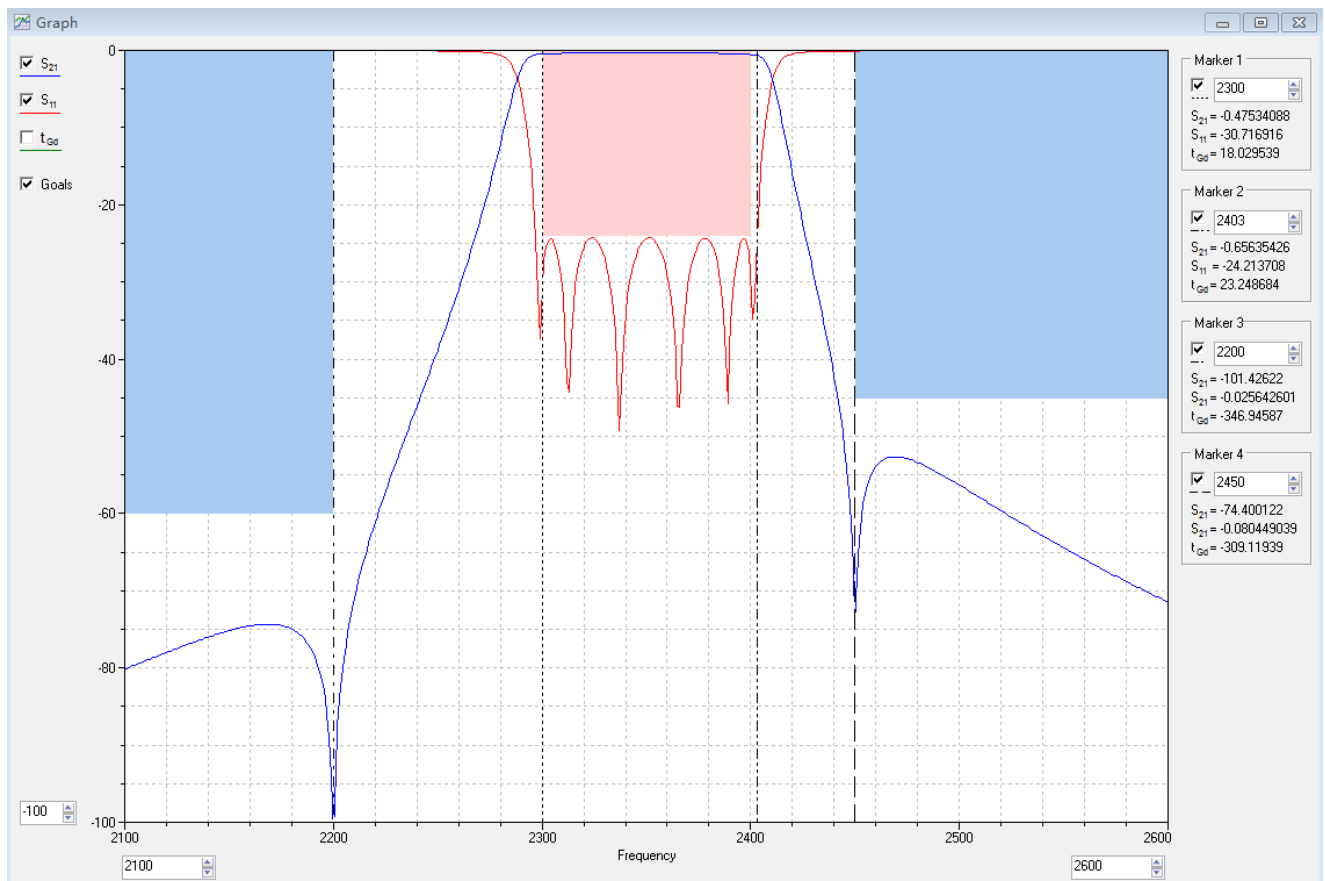
NO.65 West 1st Wu Ke Road, Wuhou District, ChengDu City, si Chuan Province China. Zip Code:610045

2. Electrical analysis

Table 2 Electrical specifications

1	Frequency Range	2300-2400MHz	OK
2	Insertion Loss	$\leq 1.2\text{dB}$	OK
3	Return Loss	$\geq 18\text{dB}$	OK
4	Rejection	$\geq 60\text{dB}@2200\text{MHz}; \geq 50\text{dB}@2450\text{MHz}$	OK
5	Operating Temp	0°C to 70°C	OK
6	Power	47dBm(Average Power);55dBm(Peak Power)	OK
7	Impedance	50Ω	OK

The simulation curve



JING XIN MICROWAVE TECHNOLOGY CO.,LTD

E-mail: cd-jingxin@139.com <http://www.cdjx-mw.com>

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

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