

Technical proposal for JX-RN-25-XX-3 Attenuators

Revision History

Version	Date	Author	Revision description	Comment
A	2016/04/21	Sam Chen	Created	/
A1	2018/08/27	Sam Chen	Update technical proposal	/

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

Table of content

Technical proposal for JX-RN-25-XX-3 Attenuators.....	1
1. Mechanical layout.....	3
2. Electrical analysis	4

Figures

Figure 1 JX-RN-25-XX-3 Attenuators front panel layout	3
---	---

Tables

Table 1 Mechanical Specifications.....	3
Table 2 Electrical specifications	4

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

1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	L x W x H: 109mm x \varnothing 45mm
Connector Type	N male-N female
Configuration	As Below (\pm 2mm)

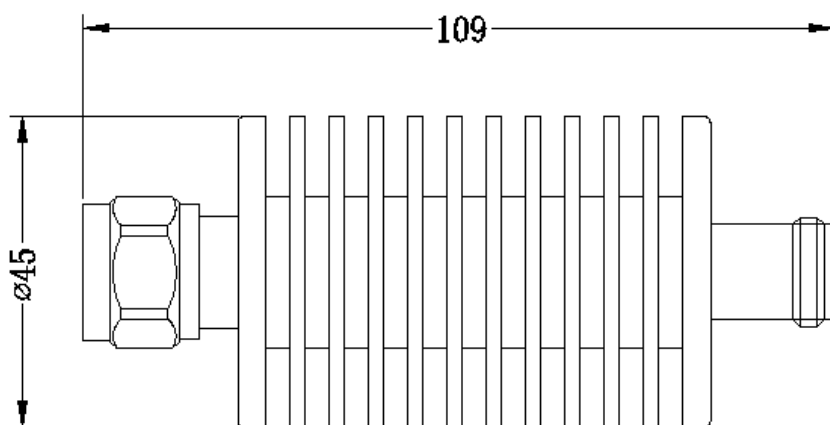


Figure 1 JX-RN-25-XX-3 Attenuators front panel layout

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

2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	Spec					
1	Frequency Range	DC -3GHz					
2	VSWR	$\leq 1.2:1$					
3	Decline of Less Value	3dB	6dB	10dB	15dB	20dB	30dB
4	Accuracy	$\pm 0.4\text{dB}$	$\pm 0.4\text{dB}$	$\pm 0.6\text{dB}$	$\pm 0.6\text{dB}$	$\pm 0.8\text{dB}$	$\pm 0.8\text{dB}$
5	Ripple	$\pm 0.3\text{dB}$	$\pm 0.5\text{dB}$	$\pm 0.7\text{dB}$	$\pm 0.8\text{dB}$	$\pm 1.0\text{dB}$	$\pm 1.0\text{dB}$
6	Rated Power	25W					
7	Peak Power	250W(5uS Width,0.5%duty Cycle)					
8	Impedance	50 Ω					
9	Intermodulation	$\leq -125\text{dBc}$ @2*33dBm 3th					
10	Operation Temperature	$-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$					
11	Weight	245g					

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