

Technical proposal for JX-SNW-50-xx-3 Attenuator

◆ High Performance

◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2018/06/04	Lin liqun	Created	/
V1.1	2020/10/12	Lee	Updated the electrical specification: deleted the peak power	JingXin request
V1.2	2022/08/09	Vivian	Updated the Dimension/Frequency Range/Weight	JingXin request

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1. Mechanical layout

Table 1 Mechanical specifications

Dimension	$\Phi 38 \times 70 \text{mm}$
Connectors	N-Male to N-Female
Weight	180g
Notes	Material shall be RoHS 6/6

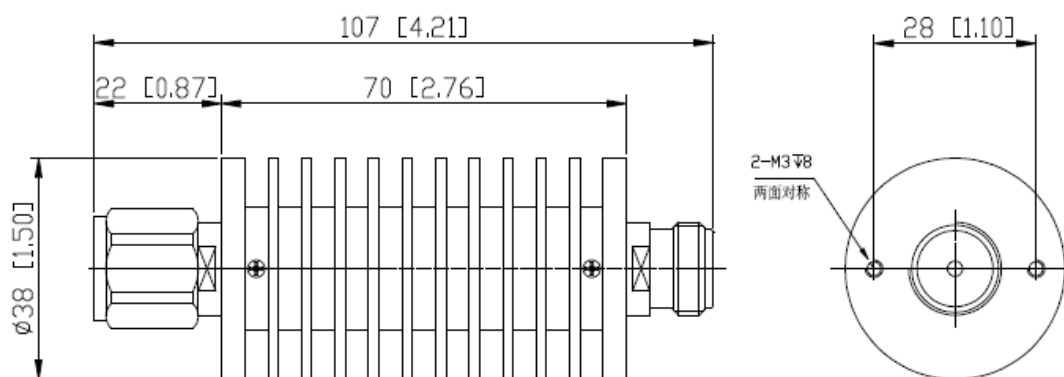


Figure 1 JX-SNW-50-xx-3 front panel layout

2. Electrical specifications

Table 2 Electrical specifications

Item	Parameter	Specification						
1	Frequency range	DC-6GHz						
2	Model number	JX-SNW-5 0-3-3	JX-SNW-5 0-6-3	JX-SNW-5 0-10-3	JX-SNW-5 0-15-3	JX-SNW-5 0-20-3	JX-SNW-5 0-30-3	JX-SNW-5 0-40-3
3	Attenuation	3dB	6dB	10dB	15dB	20dB	30dB	40dB
4	Decay accuracy	$\pm 0.4 \text{dB}$	$\pm 0.4 \text{dB}$	$\pm 0.5 \text{dB}$	$\pm 0.5 \text{dB}$	$\pm 0.6 \text{dB}$	$\pm 0.8 \text{dB}$	$\pm 1.0 \text{dB}$
5	In-band ripple	± 0.3	± 0.5	± 0.7	± 0.8	± 0.8	± 1.0	± 1.0
6	VSWR	≤ 1.2						
7	Rated power	50W						
8	Temperature range	-55 to $+125^\circ\text{C}$						
9	Impedance all ports	50 Ω						
10	PIM3	$\leq -120 \text{dBc} @ 2^*33 \text{dBm}$						

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