

# Technical proposal for JX-AT-617M6000M-100WxdB Attenuator

- ◆ High Performance
- ◆ High Reliability
- ◆ High power (Cable type)
- ◆ LOW PIM

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2023/12/15	Vivian	Created	/

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## 1. Mechanical layout

Table 1 Mechanical Specifications

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Dimension	170mm x 224.1mm x 66mm
Connector type	4.3-10/Male to 4.3-10/Female
Notes	Material shall be RoHS 6/6

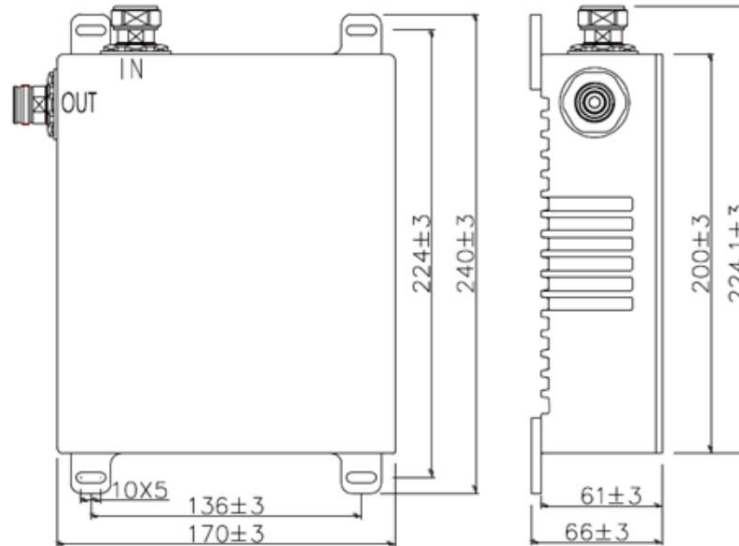


Figure 1 JX-AT-617M6000M-100WxdB front panel layout

## 2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	specification						
1	Frequency Range	617-6000MHz						
2	VSWR	≤1.30 @617-4000MHz ≤1.40@4000-6000MHz						
3	Attenuation	5dB	6dB	10dB	15dB	20dB	30dB	40dB
4	Accuracy	±0.8dB	±0.9dB	±1.0dB	±1.3dB	±1.5dB	±1.8dB	±2.5dB
5	Nominal Impedance	50Ω						
6	Power	100W						
7	Temperature Range	-35°C~+75°C,IP65						
8	PIM	-155dBC@2*43dBm						

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