

# Technical proposal for JX-AT-350M3800M-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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Add: No.65,West 1st Wu Ke Road, Wu Hou District, Cheng Du City, Si Chuan Province, China.

Dimension	256mm x 220mm x 60mm
Connector type	4.3-10/Female
Relative Humidity	≤95%
Waterproof Grade	IP65;Indoor/Outdoor
Weight	≤2000g
Notes	Material shall be RoHS 6/6

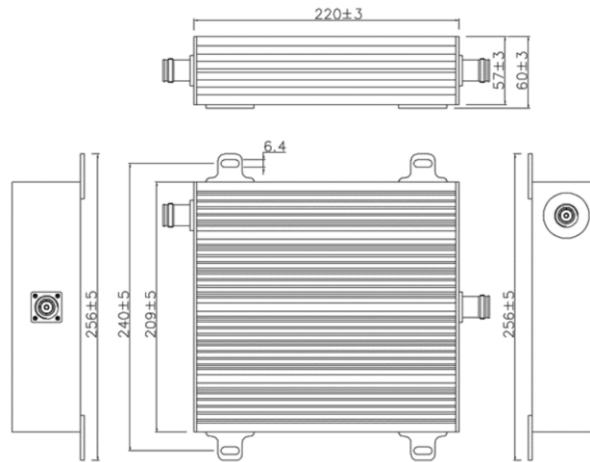


Figure 1 JX-AT-350M3800M-100WxdB front panel layout

## 2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	specification						
1	Frequency Range	350-3800MHz						
2	VSWR	≤1.30						
3	Attenuation	5dB	6dB	7dB	10dB	15dB	20dB	30dB
4	Accuracy	±1.4dB	±1.4dB	±1.4dB	±1.7dB	±1.7dB	±2.0dB	±2.2dB
		±1.1dB	±1.1dB	±1.1dB	±1.4dB	±1.4dB	±1.7dB	±1.9dB
5	Nominal Impedance	50Ω						
6	Power	100W						
7	Operating Temperature	-35°C~+75°C						
8	PIM	<-155dBC@2*43dBm(<-160dBC@2*43dBm Typ)						

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