

# Technical proposal for JX-BC-698M3800M-6.1dBxF 4\*4 Degree Bridge

◆ High Performance

◆ High Reliability

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2016/06/09	Vivian	Created	/

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1. Mechanical layout

Table 1 Mechanical specifications @ JX-BC-698M3800M-6.1dBxF

Dimension	As shown as below
Connectors	N-Female/4310-Female
Applications	IP65
Notes	Material shall be RoHS 6/6

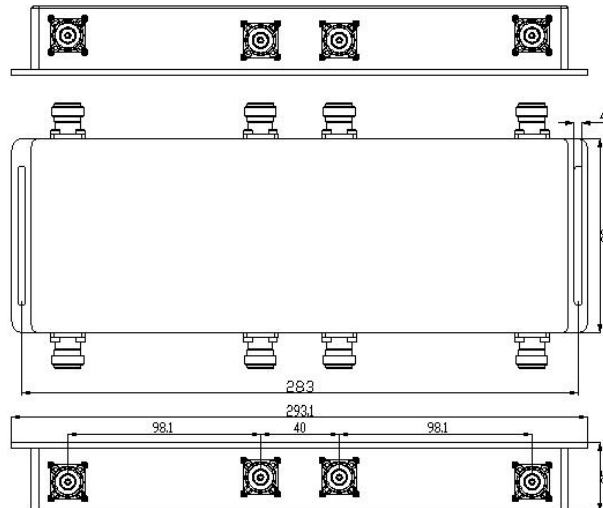


Figure 1 JX-BC-698M3800M-6.1dBxF front panel layout

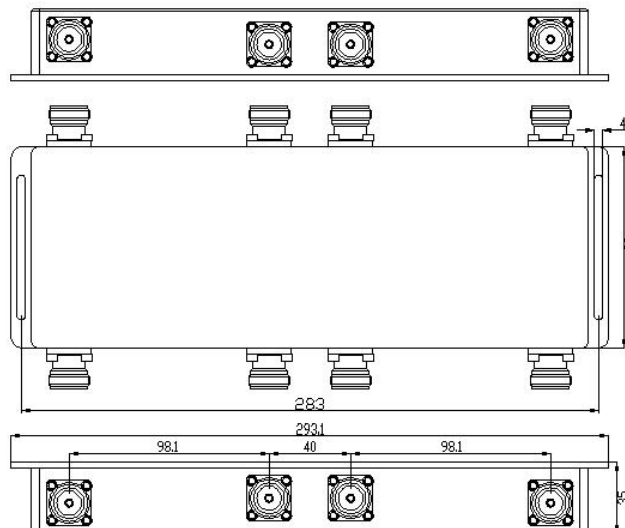


Figure 2 JX-BC-698M3800M-6.1dB4310F front panel layout

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## **2. Electrical analysis**

### **2.1 Electrical specification**

Table 2 Electrical specifications @ JX-BC-698M3800M-6.1dBxF

Item	Parameter	Specification
1	Frequency range	698-3800MHz
2	Coupling	6.1dB±1.1
3	VSWR	1.25:1
4	Input Isolation	23dB
5	Intermodulation	-153dBc 2x43dBm (Reflection Measurement 900MHz 1800MHz)
6	Power Rating	150W , Every input
7	Impedance	50Ω
8	Operating Temperature	-35°C to +85°C

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