

# RF Mixer RFMXF248-708

#### **Features:**

- Wide bandwidth
- Low Conversion loss
- Good IF bandwidth
- Economical
- Small & Rigid design

### **Description:**

The RFMXF248-708 is a general purpose passive mixer. Operating over the RF bandwidth of 2.4GHz to 7 GHz. The RFMXF mixer has very low conversion loss & high isolation to both RF & IF ports.

## **Applications:**

- Satellite up & down converters
- Defense radar & communications
- Line of sight links
- WIFI
- Bluetooth
- VSAT
- ISM

## **Optional Accessories:**

- SMA(M) to SMA(M) Adapter
- 50 Ohms cable as per User's requirement
   (L) (Figure. 1)
  - L inch

Figure 1

## Kit Available:

- Antenna kit
- Directional coupler kit
- Filter Kit
- Adapter Kit
- Attenuator Kit
- Communication Kit
- RF Standard Kit upto 6 GHz



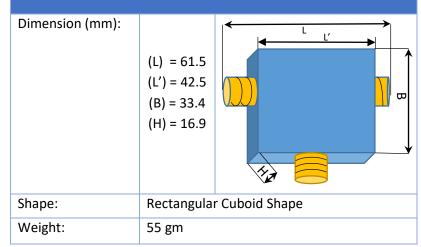


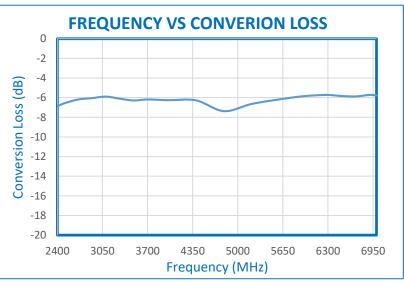


#### **Electrical Specifications:**

Frequency Range:	2.4 to 6.0 GHz
Conversion Loss:*	-6 dB ± 3 dB (@ RF & IF ± 3 dB)
Input Power:	
RF:	+15dBm (Max.)
LO:	+10dBm (Max.)
Isolation:	
LO - RF:	Min 17 dB
LO - IF:	Min 11 dB
IP3:	Min 9 dBm
Operating	0 °C to 50 °C
temperature:	
In/Out Connector:	SMA (F)

#### Mechanical Specifications:





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A.\* Electrical specification and Performance data contained in this specification document are based on RFME's applicable established test performance criteria and measurement instruction.
B. The parts covered by this specification document are subject to RFME standard limited warranty and terms & conditions.