

## Features:

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

## Description:

The RFXF248-608 is a general purpose passive mixer. Operating over the RF bandwidth of 2.4GHz to 6GHz. The RFXF 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)

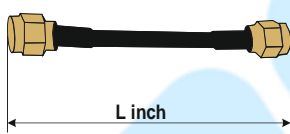


Figure 1

## Kit Available:

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



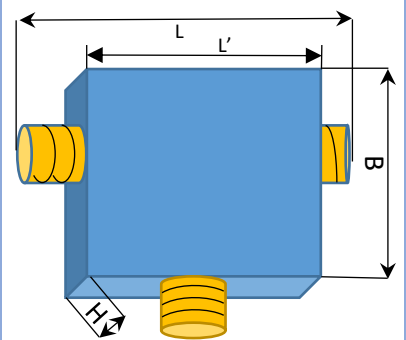
## Electrical Specifications:

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

## Mechanical Specifications:

Dimension (mm):

(L) = 61.5  
(L') = 42.5  
(B) = 33.4  
(H) = 16.9



Shape:	Rectangular Cuboid Shape
Weight:	55 gm

## FREQUENCY VS CONVERSION LOSS

