

RF Mixer RFMXF505-358



Features:

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

Description:

The RFXF505-358 is a general purpose passive mixer. Operating over the RF bandwidth of 5 MHz to 3.5 GHz. The RFXF mixer has very low conversion loss & high isolation to both RF & IF ports.

Applications:

- PCS
- 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 upto 6 GHz

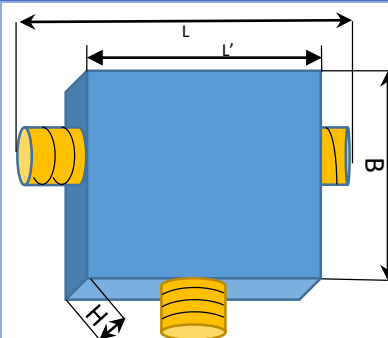
Electrical Specifications:

Frequency Range:	5 MHz to 3.5 GHz
Conversion Loss:*	-6 dB ± 2 dB (@ RF & IF ± 3 dB)
Input Power:	
RF:	+15 dBm (Max.)
LO:	+10 dBm (Max.)
Isolation:	
LO - RF:	Min 18 dB
LO - IF:	Min 17 dB
IP3:	Typical 18 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

