

# FBM-14000-50000

## 14~50GHz

**Features:**

- \* Low Conversion Loss
- \* High Isolation

**Applications:**

- \* Wireless
- \* Transceiver
- \* Laboratory Test
- \* Broadcast

**Electrical**

RF Frequency:	14~50GHz
LO Frequency:	14~50GHz
LO Input Power:	+10dBm typ.
IF Frequency:	DC~22GHz
Conversion Loss:	11dB typ.
Isolation (LO, RF):	30dB typ.
Isolation (LO, IF):	30dB typ.
Isolation (RF, IF):	30dB typ.
VSWR:	2 typ.

**Absolute Maximum Ratings**

Input Power:	+30dBm
IF DC Current:	30mA

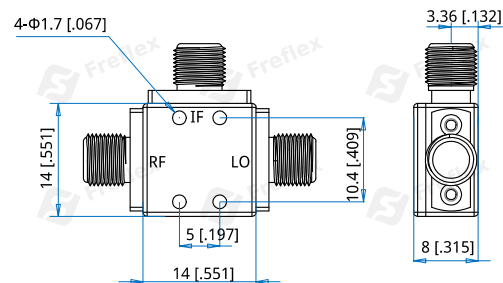
**Mechanical**

Size*1:	14*14*8mm
	0.551*0.551*0.315in
IF Connectors:	SMA Female
RF/LO Connectors:	2.4mm Female
Mounting:	4*Φ1.7mm through-hole

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+100°C

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**FBM-14000-50000**

Customization is available upon request.