

FBM-14000-40000

14~40GHz

Features:

- * Low Conversion Loss
- * High Isolation

Applications:

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

Electrical

RF Frequency:	14~40GHz
LO Frequency:	14~40GHz
LO Input Power:	+13dBm 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

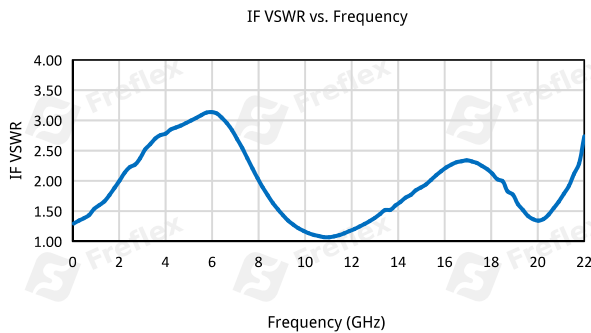
Input Power:	+30dBm
IF DC Current:	30mA

Mechanical

Size*1:	14*14*8mm
	0.551*0.551*0.315in
IF Connectors:	SMA Female
RF/LO Connectors:	2.92mm Female
Mounting:	4*Φ1.7mm through-hole

[1] Exclude connectors.

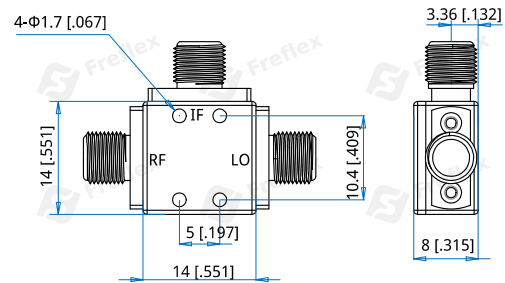
Typical Performance Curves



Environmental

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

Outline Drawings



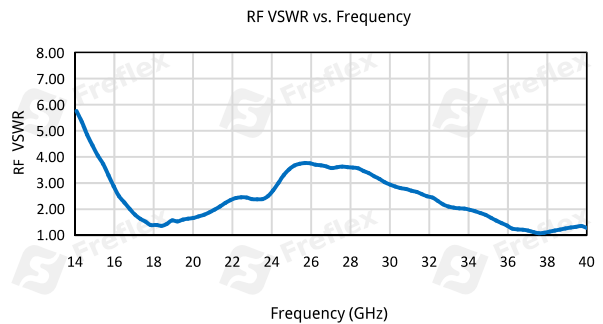
Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

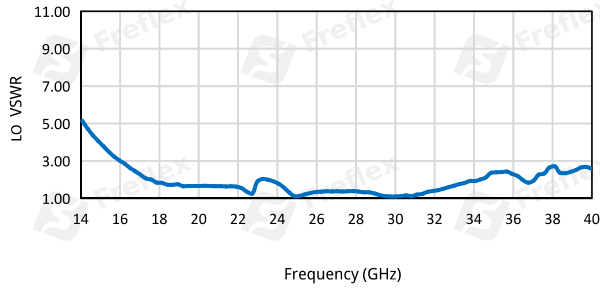
How To Order

FBM-14000-40000

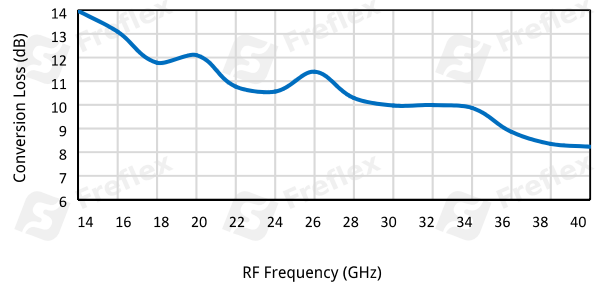
Customization is available upon request.



LO VSWR vs. Frequency



Downconversion Loss vs. Frequency



Isolation vs. Frequency

