QBM-6000-26000

6~26GHz

Features:
* Low Conversion Loss
* High Isolation

Applications:
* Wireless
* Transceiver
* Laboratory Test
* Broadcast

Electrical

RF Frequency:	6~26GHz
LO Frequency:	6~26GHz
LO Input Power:	+13dBm typ.
IF Frequency:	DC~10GHz
Conversion Loss:	9dB typ.
Isolation (LO, RF):	35dB typ.
Isolation (LO, IF):	35dB typ.
Isolation (RF, IF):	15dB typ.
VSWR:	2.5 typ.

Absolute Maximum Ratings

RF Input Power:	21dBm
LO Input Power:	21dBm
IF Input Power:	21dBm
IF Current:	2mA

Mechanical

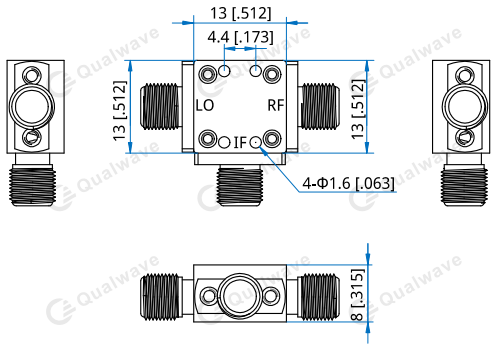
Size[*1]:	13*13*8mm
	0.512*0.512*0.315in
Connectors:	SMA Female
Mounting:	4*Φ1.6mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+85℃
Non-operating Temperature:	-55~+85℃

Outline Drawings



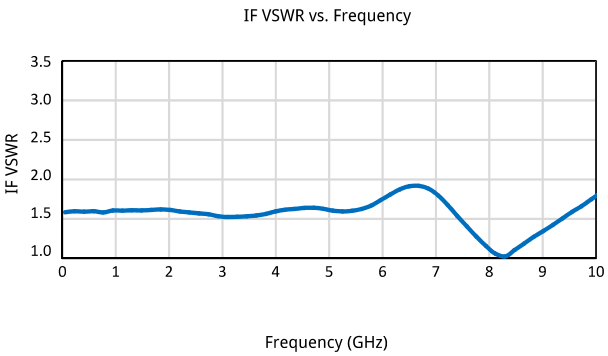
Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

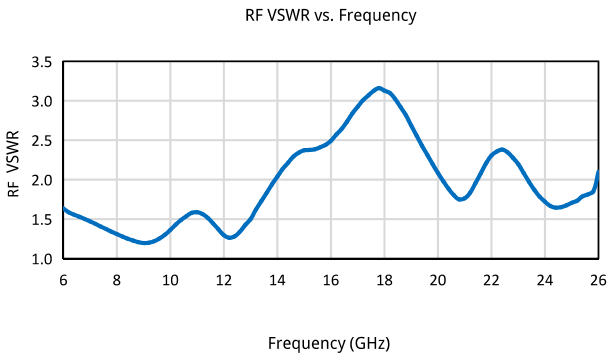
How To Order

QBM-6000-26000

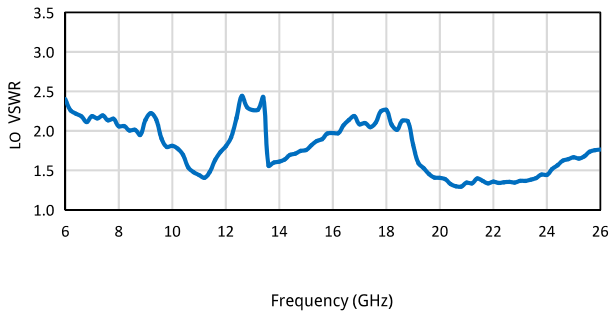
Customization is available upon request.

Typical Performance Curves

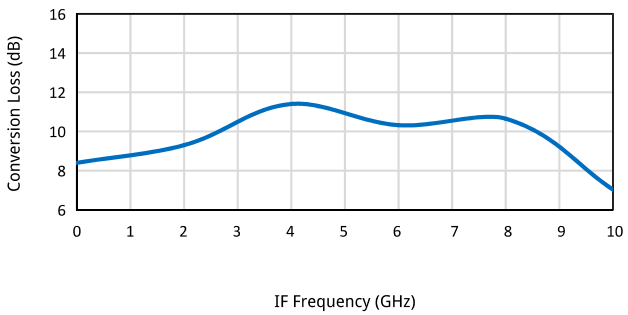




LO VSWR vs. Frequency



Downconversion Loss vs. Frequency



Isolation vs. Frequency