

#### Product Description

QMC-MIX22-FB00 is a Full Q-Band Balanced Mixer.

This mixer offers excellent conversion loss, 20 dB port to port Isolation, and wide IF bandwidths

RF Frequency: 33 to 50 GHz

LO Frequency: 33 to 50 GHz

IF Frequency: 0.1 to 18 GHz

\*Tested at 1 to 10 GHz unless specified

Conversion Loss: 7 dB typical

P1dB Point: +3 dBm

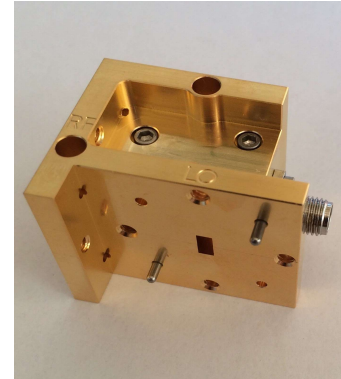
VSWR at RF Port: 2:1 typical

LO Drive Power: +10dBm min, +13dBm typ

LO/RF Isolation: 20 dB typical

Max RF Power: +19dBm CW, +25 dBm pulsed

Waveguide: WR-22, UG-383/U



Note: Performance can be optimized narrower Band performance

