

**QMC-MIX28-FB00 is a Full Ka-Band Balanced Mixer.**

**This mixer offers excellent conversion, 20 dB port to port Isolation, wide IF bandwidth**

#### Technical Specifications

RF Frequency: 26.5 to 40 GHz

LO Frequency: 26.5 to 40 GHz

IF Frequency: 0.1 to 18 GHz

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-28, UG-599/U, Square

