

# 2 GHz to 18 GHz Down Converter

- RF Input Freq (GHz) 2 - 18
- LO 1 Input Freq (GHz) 8.006 – 10.631
- LO 2 Input Freq (GHz) 6.6
- IF Output Freq (GHz) 2.625 – 3.625
- Conv. Gain Typ (dB) 15
- Gain Flatness Typ (dB)  $\pm 2$
- RF Input Power Level, Max, (dBm) -15
- Noise Figure Typ (dB) <19
- IF Output P-1 dB Typ (dBm) +11
- Input Dynamic Range Typ (dB) 25
- IF Output Spurious Typ (dBc) -60
- RF to IF Isolation Typ (dB) 80
- LO1/2 to IF Leakage Typ (dBm) -65
- LO1/2 to RF Leakage Typ (dBm) -65
- VSWR IF/LO/RF Typ 2.0:1
- RF/LO1/LO2/IF Connectors, Female SMA
- Pos. Supply Voltage (VDC)  $\pm 15, + 5$
- Power Dissipation Max (Watts) 38
- Dimensions (") excluding connectors 5.0 x 7.0 x 0.7

