

6 GHz to 18 GHz Down Converter

- RF Input Freq (GHz) **6 - 18**
- LO 1 Input Freq (GHz) **34 - 39**
- LO 2 Input Freq (GHz) **19.7 or 25.7**
- IF Output Freq (GHz) **1.3 - 2.3**
- Conv. Gain Typ (dB) **30**
- Gain Flatness Typ (dB) **± 1.5**
- Noise Figure Typ (dB) **21**
- Output P-1 dB Typ (dBm) **3**
- Input Dynamic Range Typ (dB) **80**
- Attenuation Range (dB) **60**
- Attenuation Step (dB) **1**
- Internally Generated Spurs Min (dBc) **55**
- Spurious Typ (dBc) **60**
- IF Rejection Typ (dBc) **70**
- LO-RF Leakage Typ (dBm) **-60**
- Switching Speed (μ Sec) **< 1**
- VSWR IF/LO/RF Typ **2.0:1**
- Pos. Supply Voltage (VDC) **± 5**
- Power Dissipation Max (Watts) **10**
- Dimensions (") excluding connectors **5.0 x 5.0 x 0.5**
- Operating Case Temp ($^{\circ}$ C) **-40 to +85**

