

# 0.5-18 GHz Receiver

- RF Input Freq (GHz) 0.5 - 18
- IF Output Freq (GHz) 1.0 ± .25
- Conv. Gain Min/Max (dB) 8.75 / 12.75
- Gain Flatness Typ (dB) +/- 1.5
- Noise Figure Max (dB) 14.5
- Input P-1 dB Typ (dBm) - 6
- Input 3rd Order IP Min (dBm) + 1.5
- IF Rejection Typ (dBc) > 100
- LO-IF Leakage Max (dBm) -80
- LO-RF Leakage Max (dBm) -90
- Spur & Harmonics Typ (dBc) -60  
@-15 dBm Input
- Switching Speed Max (µSec) <1
- VSWR (All ports) Max 2.5:1 Max.
- Supply Voltages (VDC) +12; +5; -5
- Power Dissipation Max (Watts) 13
- Control Interface Parallel
- All Ports Connector Female SMA
- Package Dimensions DC&LO (") 5.5 x 5.7 x 0.7
- Operating Case Temp (°C) -20 to +70

