

High Band Circular Twin LNBF

Model No. AP82-T4C



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| RF Input | Frequency Range | 11.7 ~ 12.75 GHz |
| IF Output | Frequency Range | 950 ~ 2000 MHz |
| | Connector Type | 75Ω Female Connector |
| | VSWR | 2.0:1 (Typ.) @ Room Temp. |
| Local Oscillator | Frequency | 10.75 GHz |
| | Frequency Stability | ± 1MHz (Max.) @ Room Temp. |
| | Frequency Phase Noise | -55dBc/Hz@ 1KHz (Max.) -80dBc/Hz@ 10KHz (Max.) -100dBc/Hz@ 100KHz (Max.) -105dBc/Hz@ 1MHz (Max.) -110dBc/Hz@ 10MHz (Max.) |
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| Conversion Performance @ Room Temperature | Conversion GAIN | 62dB (Max.) |
| | Gain Variation (P-P) | 5dB (Typ.) |
| | Gain Flatness | ± 0.5dB (Typ.)/26MHz |
| | Noise Figure | Low Band: 0.3 dB (Typ.) High Band: 0.3 dB (Typ.) |
| | Image Rejection | 45dB (Min.) |
| | Cross Polarization | 25dB (Typ.) |
| Power Requirements | DC Current Consumption | 160mA (Typ.) |
| | Operating Voltage | Vertical: 11.5 ~ 14Vdc Horizontal: 16 ~ 19Vdc |
| | Band Switching | Low Band: 0 Hz High Band: 22 KHz ± 4KHz |
| Environment | Operating Temperature | -40 ~ +60 |
| | Storage Temperature | -55 ~ +80 |