Avenger PLL321S-2
High Stability PLL Universal Single Ku LNBF

Features:
- High Stability PLL321S-2 Universal Ku LNBF
- Worlds First Smallest PLL Ku LNBF
- Easy Installation (40mm throat size)
- Superb Non Drift Performance
- L.O. Accuracy & Stability Within +/-300KHz
- 100% Water Leak Proof

Specifications:
- INPUT FREQUENCY RANGE: 10.7 ~ 11.7 GHz 11.7 ~ 12.75 GHz
- F/D RATIO: 0.5 ~ 0.7
- CROSS POL. ISOLATION: 20 dB (Min.)
- NOISE FIGURE: 0.1 dB
- CONVERSION GAIN: 60 dB (typical)
- GAIN FLATNESS: ±0.5 dB / 27 MHz
- OUTPUT FREQUENCY: 950 ~ 1950 MHz 1100 ~ 2150 MHz
- L.O. FREQ.: 9.75 GHz 10.60 GHz
- L.O. FREQ. STABILITY:
  (25°C) ±300KHz
  (-40°C ~ 60°C) ±500Hz
- L.O. PHASE NOISE:
  -55 dBc / Hz ( @ 1KHz )
  -75 dBc / Hz ( @ 10KHz )
  -90 dBc / Hz ( @ 100KHz )
- OUTPUT POWER LEVEL: 0 dBm (AT 1 dB GAIN COMPRESSION)
- IMAGE REJECTION: > 40dBc
- OUTPUT VSWR: 2.5 : 1 (MAX.)
- OUTPUT CONNECTOR: 75 Ω F Type Female
- DC CURRENT CONSUMPTION: 165mA Max
- OPERATING VOLTAGE:
  (1) 11.5 ~ 14.0 V → Vertical Polarization
  (2) 16.0 ~ 19.0 V → Horizontal Polarization
  (3) Continuous 22KHz ± 4KHz → High Band Selection
- OPERATING TEMPERATURE: -40° ~ +60°

* CE Conformity assessment through ETC
** WEEE/ RoHS Conformity assessment through Bureau Veritas
Subject to change without notice.

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