

Universal Twin LNBF (Ku-Band)



S-KLNB-2TPLUS

Ku-Band LNBF

TECHNICAL SPECIFICATIONS

1. INPUT FREQUENCY:	Low Band: 10.70~11.70 GHz High Band: 11.70~12.75 GHz
2. OUTPUT FREQUENCY:	Low Band: 950 ~ 1950 MHz High Band: 1100 ~ 2150 MHz
3. L.O. FREQUENCY:	Low Band: 9.75 GHz High Band: 10.60 GHz
4. NOISE FIGURE:	0.7 dB (typ.)
5. CONVERSION GAIN (ROOM TEMP):	58 dB (min.) 68(max.)
6. GAIN FLATNESS:	±0.5 dB / 26 MHz
7. CROSS POL. ISOLATION:	25dB (typ.)
8. L.O. FREQUENCY STABILITY:	±1.0 MHz (max.) @ +25°C ±3.0 MHz (max.) @ -40°C~+60°C
9. L.O. PHASE NOISE:	-50 dBc / Hz @ 1 KHz -75 dBc / Hz @ 10 KHz -95 dBc / Hz @ 100 KHz
10. IMAGE REJECTION:	40 dB (min.)
11. OUTPUT VSWR:	2.5 : 1 (max.)
12. DC CURRENT CONSUMPTION:	160 mA (max.)
13. LOW/HIGH BAND SWITCHING:	Low Band: 0 kHz High Band: 22 kHz ± 4 kHz
14. POLARITY SWITCHING VOLTAGE:	12.0 ~ 14.0 V @VP 16.0 ~20.0 V @HP
15. OPERATING TEMPERATURE:	-40°C ~ +60°C

**All requirements shall be met at 25°C, unless otherwise specified.