



PROFESSIONAL USE



TECHNICAL SPECIFICATIONS

Universal KU Octo LNBF



UNIVERSAL KU OCTO LNBF

REFERENCE: AS9008



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INPUT FREQUENCY:	Low Band: 10.70~11.70 GHz High Band: 11.70~12.75 GHz
OUTPUT FREQUENCY:	Low Band: 950 ~ 1950 MHz High Band: 1100 ~ 2150 MHz
L.O. FREQUENCY:	Low Band: 9.75 GHz High Band: 10.60 GHz
POLARITY SWITCHING VOLTAGE:	11.5 ~ 14.0 V Vertical 16.0 ~ 20.0 V Horizontal
NOISE FIGURE:	0.7 dB (typ.)
CONVERSION GAIN (ROOM TEMP):	55 dB (typ.)
GAIN FLATNESS:	± 0.5 dB / 26 MHz
CROSS POL. ISOLATION:	25
L.O. FREQUENCY STABILITY:	± 1.0 MHz (max.) @ +25° C ± 2.5 MHz (max.) @ -40° C ~ +60° C
L.O. PHASE NOISE:	-55 dBc / Hz @ 1 kHz -75 dBc / Hz @ 10 kHz -100 dBc / Hz @ 100 kHz
IMAGE REJECTION:	45 dB (min.)
OUTPUT VSWR:	2 : 1 (typ.)
P1 dB COMPRESSION POINT:	0 dBm (min.)
DC CURRENT CONSUMPTION:	220 mA (max.)
LOW/HIGH BAND SWITCHING:	Low Band: 0 kHz High Band: 22 kHz ± 4 kHz
OPERATING TEMPERATURE:	-40° C ~ +60° C



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

