



PROFESSIONAL USE



# TECHNICAL SPECIFICATIONS

Universal Quad LNBF



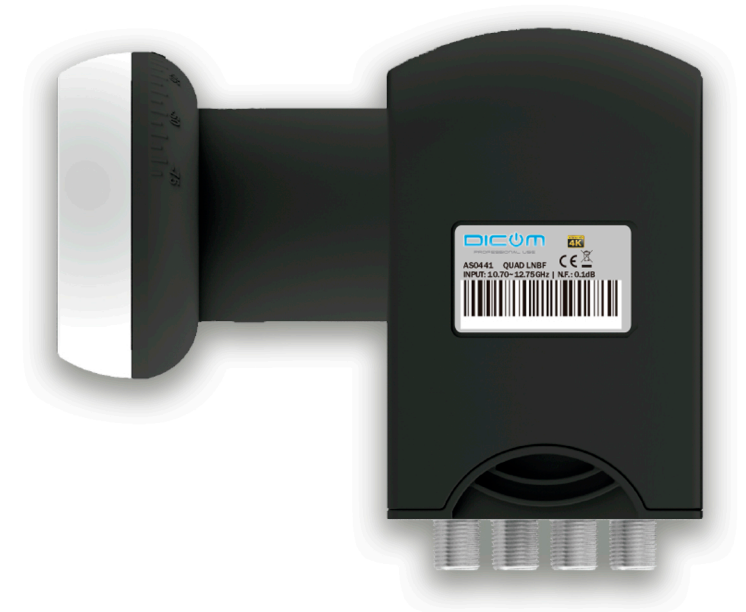
# UNIVERSAL KU QUAD LNBF

CODE. AS0441

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## TECHNICAL SPECIFICATIONS

<b>INPUT FREQUENCY:</b>	Low Band: 10.70~11.70 GHz High Band: 11.70~12.75 GHz
<b>OUTPUT FREQUENCY:</b>	Low Band: 950 ~ 1950 MHz High Band: 1100 ~ 2150 MHz
<b>L.O. FREQUENCY:</b>	Low Band: 9.75 GHz High Band: 10.60 GHz
<b>POLARITY SWITCHING VOLTAGE:</b>	11.5 ~ 14.0 V Vertical 16.0 ~ 20.0 V Horizontal
<b>NOISE FIGURE:</b>	0.1 dB (typ.)
<b>CONVERSION GAIN (ROOM TEMP):</b>	62 dB (typ.)
<b>GAIN FLATNESS:</b>	± 1 dB / 26 MHz (max)
<b>CROSS POL. ISOLATION:</b>	25 dB (typ.)
<b>L.O. FREQUENCY STABILITY:</b>	± 1.0 MHz (max.) @ +25° C ± 2.0 MHz (max.) @ -40° C ~ +60° C
<b>L.O. PHASE NOISE:</b>	-55 dBc / Hz @ 1 kHz -75 dBc / Hz @ 10 kHz -95 dBc / Hz @ 100 kHz -105 dBc / Hz @ 1 MHz -115 dBc / Hz @ 10 MHz
<b>IMAGE REJECTION:</b>	40 dB (min.)
<b>OUTPUT VSWR:</b>	2 : 1 (typ.)
<b>P1 dB COMPRESSION POINT:</b>	0 dBm (min.)
<b>DC CURRENT CONSUMPTION:</b>	120 mA (max.)
<b>LOW/HIGH BAND SWITCHING:</b>	Low Band: 0 kHz High Band: 22 kHz ± 4 kHz
<b>OPERATING TEMPERATURE:</b>	-40° C ~ +60° C



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

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