



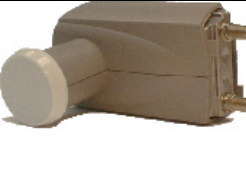



## PACIFIC C BAND & Universal Ku DIGITAL LNBS & LNBs

						
PARAMETER	DIGITAL C BAND LNB	H/V DIGITAL C BAND LNB	ONE CABLE SOLUTION	SINGLE Universal Ku LNB	DUAL Universal Ku LNB	QUATTRO Universal Ku LNB
INPUT FREQUENCY	3.40 to 4.2 GHz	3.40 to 4.2 GHz	3.70 to 4.2 GHz	10.70 to 12.75 GHz	10.70 to 12.75 GHz	10.70 to 12.75 GHz
OUTPUT FREQUENCY	950 to 1750 MHz	950 to 1750 MHz	950 to 1450 MHz 1550 to 2050 MHz	950 to 2150 MHz	950 to 2150 MHz (PER EACH PORT)	950 to 2150 MHz (PER EACH PORT)
LOCAL FREQUENCY	5.150 GHz	5.150 GHz	5.150 GHz 5.750 GHz	9.75 GHz (Low band) 10.6 GHz (High band @22kHz)	9.75 GHz (Low band) 10.6 GHz (High band @22kHz)	9.75 GHz (Low band) 10.6 GHz (High band)
GAIN	65dB typ	65dB typ	65dB typ	55dB typ	55dB typ	55dB typ
NOISE FIGURE	17 K	17 K	17 K	0.6 – 0.8dB	0.6 – 0.8dB	0.6 – 0.8dB
LOCAL STABILTY	±2 MHz max	±2 MHz max	±2 MHz max	±1 MHz max	±1 MHz max	±1 MHz max
H/V ISOLATION	-	20 dB	20 dB	20 dB	20 dB	20 dB
At 1 kHz PHASE NOISE (typ)    At 10 kHz	-80 dBc/Hz	-80 dBc/Hz	-80 dBc/Hz	-60 dBc/Hz	-60 dBc/Hz	-60 dBc/Hz
	-95 dBc/Hz	-95 dBc/Hz	-95 dBc/Hz	-80 dBc/Hz	-80 dBc/Hz	-80 dBc/Hz
	-110 dBc/Hz	-110 dBc/Hz	-110 dBc/Hz	-110 dBc/Hz	-110 dBc/Hz	-110 dBc/Hz
At 100kHz						
IMAGE REJECTION	45 dB	45 dB	45 dB	40 dB	40 dB	40 dB
OUTPUT IMPEDANCE	75 Ω	75 Ω	75 Ω	75 Ω	75 Ω	75 Ω
POWER REQUIREMENTS	12 to 24 Vdc	VER. : 13 Vdc HOR : 18 Vdc	12 to 24 Vdc	VER. : 11 ~ 14.5 Vdc HOR : 16 ~ 21 Vdc	VER. : 11 ~ 14.5 Vdc HOR : 16 ~ 21 Vdc	VER. : 11 ~ 21 Vdc HOR : 11 ~ 21 Vdc
POWER CONSUMPTION	120 mA typ	230 mA typ	250 mA typ	120 mA typ	120 mA typ	120 mA typ
OPERATING TEMPERATURE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
STORAGE TEMPERATURE	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C

\* OPTION / C BAND LNB : SCALAR RING & ISOLATOR (FOR CIRCULAR POLARITY RECEPTION)

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