

## LOW NOISE BLOCK - LNB'S KU & C-BAND

ACER Brand LNB's include units for Offset & Prime Focus with most models approved for Foxtel and Austar Pay TV installations



Ku-band	LK-Acer	LK-Acer107	LK-AcerDu	LK-AcerQ	LK-OrdDu10.7
Style	Offset	Offset	Offset	Offset	Offset
Outputs	Single	Single	Dual (2)	Quad (4)	Dual (2)
Frequency Input	12.25~12.75GHz	11.7~12.75GHz	11.7~12.75GHz	11.7~12.75GHz	11.7~12.75GHz
Frequency Output	950~1450MHz	1000~2050MHz	1000~2050MHz	1000~2050MHz	1000~2050MHz
Connector Type	75Ω F/Type	75Ω F/Type	75Ω F/Type	75Ω F/Type	75Ω F/Type
L.O. Frequency	11.3GHz	10.7GHz	10.7GHz	10.7GHz	10.7GHz
L.O. Stability	+/-1MHz @ 25°C	+/-1MHz @ 25°C	+/-1MHz @ 25°C	+/-1MHz @ 25°C	+/-1MHz @ 25°C
Conversion Gain	Min: 58dB Max: 65dB	Min: 58dB Max: 65dB	Min: 54dB Max: 64dB	Min: 58dB Max: 66dB	Min: 54dB Max: 64dB
Noise Figure	0.7dB @ 25 Deg.C	0.7dB @ 25 Deg.C	0.8dB @ 25 Deg.C	0.8dB @ 25 Deg.C	0.8dB @ 25 Deg.C
Image Rejection	40dB (Min)	40dB (Min)	40dB (Min)	45dB (Min)	45dB (Min)
Cross Pol. Isolation	25dB (Min)	25dB (Min)	25dB (Min)	25dB (Min)	25dB (Min)
Output VSWR	2.0:1	2.0:1	2.0:1	2.0:1	2.0:1
Current Consumption	120mA (Typ)	120mA (Typ)	160mA (Typ)	160mA (Typ)	160mA (Typ)
Operating Voltage	Vert: 10.5~14VDC Horz: 16~20VDC	Vert: 10.5~14VDC Horz: 16~20VDC	Vert: 10.5~14VDC Horz: 16~20VDC	Vert: 10.5~14VDC Horz: 16~20VDC	Vert: 10.5~14VDC Horz: 16~20VDC
Operating Temperature	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C

C-Band: Dual Polarity LNBF, Norsat & MTI Single Polarity LNB's



Norsat International Inc.



C-band	LC-Zin15k	LC-MTISCS	LC-MTISp	LC-Nor8700L	LC-Nor3120
Style	Prime Focus	Prime Focus	Single Polarity	Single Polarity	Single PLL
Frequency Input	3.4~4.2GHz	3.7~4.2GHz	3.4~4.2GHz	3.4~4.2GHz	3.4~4.2GHz
Frequency Output	950~1750MHz	950~2050MHz	950~1750MHz	950~1750MHz	950~1750MHz
Connector Type	75Ω F/Type	75Ω F/Type	75Ω F/Type	75Ω F/Type	75Ω F/Type
L.O. Frequency	5.150GHz	Hor: 5.150GHz Ver: 5.750GHz	5.150GHz	5.150GHz	5.150GHz
L.O. Stability	+/-1MHz @ 25°C	+/-1MHz @ 25°C	+/-1MHz @ 25°C	+/-750KHz @ 25°C	+/-5KHz @ 25°C
Conversion Gain	Min: 60dB Max: 65dB	65dB (Typ)	65dB (Typ)	Min: 55dB Max: 70dB	Min: 55dB Max: 70dB
Noise Figure	15°K	15°K	15°K	20°K	20°K
Image Rejection	40dB (Min)	40dB (Min)	40dB (Min)		
Cross Pol. Isolation	20dB (Min)	20dB (Min)			
Output VSWR			2.5:1	2.5:1	2.2:1
Current Consumption	150mA (Typ)	150mA (Typ)	160mA (Typ)	200mA (Typ)	350mA (Max)
Operating Voltage	Vert: 11.5~14VDC Horz: 16~20VDC	13~24VDC	13~24VDC	15~24VDC	15~24VDC
Operating Temperature	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C