

Ku-band LNBs

An LNB for all your applications, Offset & Prime Focus from quality international manufacturers.

 MICROELECTRONICS TECHNOLOGY INC.

STGold



Ku-band	LK-MTIDp	LK-MTI/107	LK-MTIDpPf	LK-MTISp	LK-SP/107
Style	Offset	Offset	Prime Focus	WR75 Flange	WR75 Flange
Frequency Input	12.25~12.75GHz	11.7~12.75GHz	12.25~12.75GHz	12.25~12.75GHz	11.65-12.85GHz
Frequency Output	950~1450MHz	1000~2050MHz	950~1450MHz	950~1450MHz	950~2150MHz
Connector Type	75Ω F/Type	75Ω F/Type	75Ω F/Type	75Ω F/Type	75Ω F/Type
Output VSWR	2.5:1	2.5:1	2.0:1	1.7:1	
L.O. Frequency	11.3GHz	10.7GHz	11.3GHz	11.3GHz	10.7GHz
L.O. Stability	+/-1MHz	+/-1MHz	+/-1MHz	+/-500KHz	+/- 750KHz
Conversion Gain	55dB (Typ)	55dB (Typ)	65dB (Typ)	55dB (Typ)	55dB (Typ)
Noise Figure	0.4dB (Typ)	0.4dB (Typ)	0.4dB (Typ)	0.4dB (Typ)	0.7dB maximum
Image Rejection	40dB (Min)	40dB (Min)	45dB (Min)	45dB (Min)	45dB (Min)
Cross Pol. Isolation	20dB (Min)	20dB (Min)	25dB (Min)	-	-
Current Consumption	110mA (Typ)	110mA (Typ)	110mA (Typ)	120mA (Typ)	120mA (Typ)
Operating Voltage	Vert: 11.5~14VDC Horz: 16~19VDC	Vert: 11.5~14VDC Horz: 16~19VDC	Vert: 11.5~14VDC Horz: 16~19VDC	12~24VDC	12~24VDC
Operating Temperature	-40° ~ +60°C	-40° ~ +60°C	-40° ~ +60°C	-40° ~ +60°C	-40° ~ +60°C

Universal LNBs



UNIVERSAL	LK-MTIUNI	LK-MTIUNIDu	LK-MTIUNIQ	LK-MTIUNIPf
Style	Offset	Offset	Offset	Prime Focus
Outputs	Single	Dual (2)	Quad (4)	Single
Frequency Input	Low: 10.7~11.7GHz High: 11.7~12.75GHz	Low: 10.7~11.7GHz High: 11.7~12.75GHz	Low: 10.7~11.7GHz High: 11.7~12.75GHz	Low: 10.7~11.7GHz High: 11.7~12.75GHz
Frequency Output	Low: 950~1950MHz High: 1100~2150MHz	Low: 950~1950MHz High: 1100~2150MHz	Low: 950~1950MHz High: 1100~2150MHz	Low: 950~1950MHz High: 1100~2150MHz
Connector Type	75Ω F/Type	75Ω F/Type	75Ω F/Type	75Ω F/Type
Output VSWR	2.0:1	2.0:1	2.0:1	2.0:1
L.O. Frequency	Low: 9.750GHz High: 10.75GHz	Low: 9.750GHz High: 10.75GHz	Low: 9.750GHz High: 10.75GHz	Low: 9.750GHz High: 10.75GHz
L.O. Stability	+/-1MHz	+/-1MHz	+/-1MHz	+/-1MHz
Conversion Gain	65dB (Typ)	65dB (Typ)	65dB (Typ)	65dB (Typ)
Noise Figure	0.4dB (Typ)	0.4dB (Typ)	0.4dB (Typ)	0.4dB (Typ)
Image Rejection	45dB (Min)	45dB (Min)	45dB (Min)	45dB (Min)
Cross Pol. Isolation	25dB (Min)	25dB (Min)	25dB (Min)	25dB (Min)
Current Consumption	110mA (Typ)	110mA (Typ)	110mA (Typ)	110mA (Typ)
Operating Voltage	Vert: 11.5~14VDC Horz: 16~19VDC	Vert: 11.5~14VDC Horz: 16~19VDC	Vert: 11.5~14VDC Horz: 16~19VDC	Vert: 11.5~14VDC Horz: 16~19VDC
Band Switching	Low: 0KHz High: 22+/-4KHz	Low: 0KHz High: 22+/-4KHz	Low: 0KHz High: 22+/-4KHz	Low: 0KHz High: 22+/-4KHz
Operating Temperature	-40° ~ +60°C	-40° ~ +60°C	-40° ~ +60°C	-40° ~ +60°C

Ku-band LNBS

ACER Brand LNB's include units for a range of applications with some models approved for FOXTEL & Aустar Pay TV



Ku-band	LK-AcerDu	LK-AcerQu	LK-Nor4706b	LK-Nor1507HB	LK-Nor1207HB	LK-OrdDu10.7
Style	Offset	Offset	Single Pole	Single Pole	Single Pole	Offset
Outputs	Dual (2)	Quad (4)	Single	Single	Single	Dual (2)
Frequency Input	11.7~12.75GHz	11.7~12.75GHz		12.25 - 12.75GHz		11.7~12.75GHz
Frequency Output	1000~2050MHz	1000~2050MHz		950 - 1450MHz		1000~2050MHz
Connector Type	75Ω F/Type	75Ω F/Type	75Ω F/Type	75Ω F/Type	75Ω F/Type	75Ω F/Type
L.O. Frequency	10.7GHz	10.7GHz	11.3GHz	11.3GHz	11.3GHz	10.7GHz
L.O. Stability	+/-1MHz @ 25°C	+/-1MHz @ 25°C	+/- 1,700KHz	+/- 5KHz	+/- 25KHz	+/-1MHz @ 25°C
Conversion Gain	Min: 54dB Max: 64dB	Min: 58dB Max: 66dB	Min: 55dB Max: 65dB	62dB	62dB	Min: 54dB Max: 64dB
Noise Figure	0.8dB @ 25 Deg.C	0.8dB @ 25 Deg.C	0.6dB	0.7dB	0.7dB	0.8dB @ 25 Deg.C
Image Rejection	40dB (Min)	45dB (Min)	-	-	-	45dB (Min)
Cross Pol. Isolation	25dB (Min)	25dB (Min)	-	-	-	25dB (Min)
Output VSWR	2.0:1	2.0:1	2.5:1	2.0:1	2.0:1	2.0:1
Current Consumption	160mA (Typ)	160mA (Typ)	120mA	170mA	170mA	160mA (Typ)
Operating Voltage	Vert: 10.5~14VDC Horz: 16~20VDC	Vert: 10.5~14VDC Horz: 16~20VDC	15 - 24VDC	15 - 24VDC	15 - 24VDC	Vert: 10.5~14VDC Horz: 16~20VDC
Operating Temperature	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C

C-band LNBS



C-band	LC-Zin15k	LC-MTISCS	LC-0drokDu	LC-MTISp	LC-Nor8700L	LC-Nor3120
Style	Prime Focus	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	3.4~4.2GHz
Frequency Output	950~1750MHz	950~2050MHz	950~1750MHz	950~1750MHz	950~1750MHz	950~1750MHz
Connector Type	75Ω F/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	5.150GHz
L.O. Stability	+/-1MHz @ 25°C	+/-1MHz @ 25°C	+/-1.5MHz, -40 to +70°C	+/-1MHz @ 25°C	+/-750KHz @ 25°C	+/-5KHz @ 25°C
Conversion Gain	Min: 60dB Max: 65dB	65dB (Typ)	55dB (Typ)	65dB (Typ)	Min: 55dB Max: 70dB	Min: 55dB Max: 70dB
Noise Figure	15°K	15°K	20°K	15°K	20°K	20°K
Image Rejection	40dB (Min)	40dB (Min)	45dB (Min)	40dB (Min)		
Cross Pol. Isolation	20dB (Min)	20dB (Min)	20dB (min.)			
Output VSWR			2.0:1	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	Vert: 11.5~14VDC Horz: 16~19VDC	13~24VDC	15~24VDC	15~24VDC
Operating Temperature	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +70°C	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C