

SPECIFICATIONS

PART NUMBER	PRODUCT DESCRIPTION							
	RF FREQUENCY	NOISE	LOCAL	STABILITY	IF FREQUENCY	GAIN	DC VOLTAGE	OUTPUT
KU BAND DRO LNB								
USLBDOF2B5	10.95 - 11.7 GHz	0.6 - 0.8 dB	10 GHz	+/- 0.9MHz	950 - 1700 MHz	50 dB min	+15 to +24 VDC	F
USLBDOF2A5	10.95 - 11.7 GHz	0.6 - 0.8 dB	10 GHz	+/- 0.5MHz	950 - 1700 MHz	50 dB min	+15 to +24 VDC	F
USLBDOF2D5	10.95 - 11.7 GHz	1.0 dB	10 GHz	+/- 1.0MHz	950 - 1700 MHz	50 dB min	+15 to +24 VDC	F
USLBDOF0C6	11.2 - 11.7 GHz	0.8 dB	10.25 GHz	+/- 1.5MHz	950 - 1450 MHz	54 dB min	+15 to +24 VDC	F
USLBDOFDA5	11.7 - 12.2 GHz	0.6 - 0.8 dB	10.75 GHz	+/- 0.5MHz	950 - 1450 MHz	54 dB min	+15 to +24 VDC	F
USLBDOF0B5	11.7 - 12.2 GHz	0.6 - 0.8 dB	10.75 GHz	+/- 0.9MHz	950 - 1450 MHz	50 dB min	+15 to +24 VDC	F
USLBDOFFD8	12.25 - 12.75 GHz	1.0 dB	11.3 GHz	+/- 1.0MHz	950 - 1450 MHz	50 dB min	+15 to +24 VDC	F
USLBDOFFB5	12.25 - 12.75 GHz	0.6 - 0.8 dB	11.3 GHz	+/- 0.9MHz	950 - 1450 MHz	50 dB min	+15 to +24 VDC	F
USLBDOF0A5	12.25 - 12.75 GHz	0.6 - 0.8 dB	11.3 GHz	+/- 0.5MHz	950 - 1450 MHz	54 dB min	+15 to +24 VDC	F
KU BAND PLL LNB EXT REF								
USLBPXF207	10.95 - 11.7 GHz	0.8 - 1.0 dB	10 GHz	Depends on Ext Ref	950 - 1700 MHz	50 dB min	+15 to +24 VDC	F
USLBPXN207	10.95 - 11.7 GHz	0.8 - 1.0 dB	10 GHz	Depends on Ext Ref	950 - 1700 MHz	50 dB min	+15 to +24 VDC	N
USLBPXF007	11.2 - 11.7 GHz	0.8 - 1.0 dB	10.25 GHz	Depends on Ext Ref	950 - 1450 MHz	50 dB min	+15 to +24 VDC	F
USLBPXN007	11.2 - 11.7 GHz	0.8 - 1.0 dB	10.25 GHz	Depends on Ext Ref	950 - 1450 MHz	50 dB min	+15 to +24 VDC	N
USLBPXFC07	11.45 - 11.95 GHz	0.8 - 1.0 dB	10.5 GHz	Depends on Ext Ref	950 - 1450 MHz	50 dB min	+15 to +24 VDC	F
USLBPXFD07	11.7 - 12.2 GHz	0.8 - 1.0 dB	10.75 GHz	Depends on Ext Ref	950 - 1450 MHz	50 dB min	+15 to +24 VDC	F
USLBPXND07	11.7 - 12.2 GHz	0.8 - 1.0 dB	10.75 GHz	Depends on Ext Ref	950 - 1450 MHz	50 dB min	+15 to +24 VDC	N
USLBPXF007	12.20 - 12.75 GHz	0.8 - 1.0 dB	11.25 GHz	Depends on Ext Ref	950 - 1450 MHz	50 dB min	+15 to +24 VDC	F
USLBPXN007	12.25 - 12.75 GHz	0.8 - 1.0 dB	11.3 GHz	Depends on Ext Ref	950 - 1450 MHz	50 dB min	+15 to +24 VDC	N
USLBPXF007	12.25 - 12.75 GHz	0.8 - 1.0 dB	11.3 GHz	Depends on Ext Ref	950 - 1450 MHz	50 dB min	+15 to +24 VDC	F
KU BAND PLL LNB INT REF								
USLBPIF286	10.95 - 11.7 GHz	0.8 dB	10 GHz	+/- 3ppm	950 - 1700 MHz	55 dB min	+15 to +24 VDC	F
USLBPIN286	10.95 - 11.7 GHz	0.8 dB	10 GHz	+/- 3ppm	950 - 1700 MHz	55 dB min	+15 to +24 VDC	N
USLBPIF296	10.95 - 11.7 GHz	0.8 dB	10 GHz	+/- 10ppm	950 - 1700 MHz	55 dB min	+15 to +24 VDC	F
USLBPIF086	11.2 - 11.7 GHz	0.8 dB	10.25 GHz	+/- 3ppm	950 - 1450 MHz	55 dB min	+15 to +24 VDC	F
USLBPIF086	11.7 - 12.2 GHz	0.8 dB	10.75 GHz	+/- 3ppm	950 - 1450 MHz	55 dB min	+15 to +24 VDC	F
USLBPIFD96	11.7 - 12.2 GHz	0.8 dB	10.75 GHz	+/- 10ppm	950 - 1450 MHz	55 dB min	+15 to +24 VDC	F
USLBPIFF86	12.25 - 12.75 GHz	0.8 dB	11.3 GHz	+/- 3ppm	950 - 1450 MHz	55 dB min	+15 to +24 VDC	F
USLBPIFF86	12.25 - 12.75 GHz	0.8 dB	11.3 GHz	+/- 3ppm	950 - 1450 MHz	55 dB min	+15 to +24 VDC	F
USLBPIF86	12.25 - 12.75 GHz	0.8 dB	11.3 GHz	+/- 3ppm	950 - 1450 MHz	55 dB min	+15 to +24 VDC	N

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Note: All units have input waveguide WR-75

Example To order Ku-Band LNB USLBPXF201:

USLBPIF286

Type	Freq Band	Source Type	Connector	IF Frequency		Stability		Noise Figure	
B – BUC	A – Ka	DO – DRO	F – F Type	0 – 950 – 1450 MHz	C – 950 – 1450 MHz,	0 – Ext Ref	A – ± 0.5MHz	0 – 0.2 dB 14	6 – 0.8 dB 59
L – LNB	B – Ku	PX – PLL Ext	N – N Type	1 – 950 – 1525 MHz	LO 10.50 GHz	1 – ± 1ppm ± 5kHz	B – ± 0.9MHz	1 – 0.3 dB 21	7 – 0.9 dB 67
	C – C	Ref		2 – 950 – 1700 MHz	D – 950 – 1450 MHz,	2 – ± 2ppm ± 10kHz	C – ± 1.5MHz	2 – 0.4 dB 28	8 – 1.0 dB 75
	D – Ext Ku	PI – PLL Int		3 – 950 – 1750 MHz	LO 10.75 GHz	3 – ± 3ppm ± 15kHz	D – ± 1.0MHz	3 – 0.5 dB 35	9 – 1.1 dB 84
	E – Ext C	Ref		4 – 960 – 1260 MHz	E – 950 – 1450 MHz,	4 – ± 5ppm ± 25kHz		4 – 0.6 dB 43	A – 1.2 dB 92
				5 – 1150 – 1450 MHz	LO 11.25 GHz	5 – ± 10ppm ± 50kHz		5 – 0.7 dB 51	B – 1.3 dB 101
				A – 950 – 1450 MHz,	F – 950 – 1450 MHz,	6 – ± 0.5ppm Ku ± 25kHz			
				LO 10.00 GHz	LO 11.30 GHz	7 – ± 1ppm Ku ± 10kHz			
				B – 950 – 1450 MHz,		8 – ± 3ppm Ku ± 25kHz			
				LO 10.25 GHz		9 – ± 10ppm Ku ± 100kHz			



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