

KU-BAND

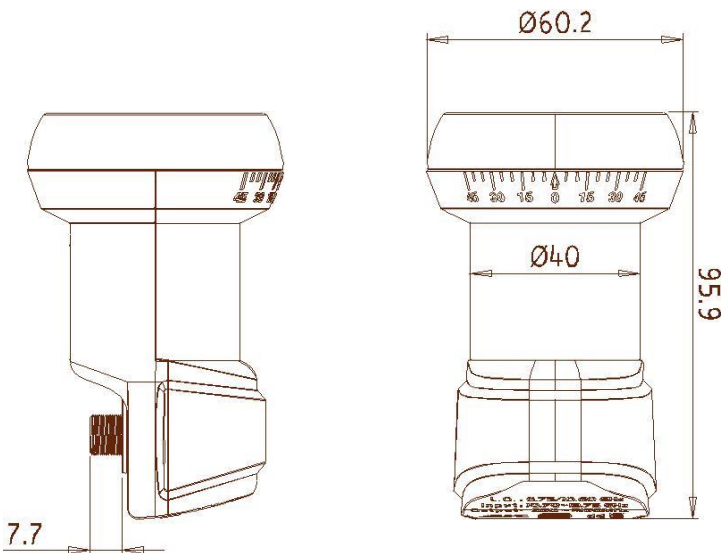
LNBF Single

U123-E

TYPICAL SPECIFICATIONS

Input Frequency Range	LOW Band:10.7~11.7GHz High Band:11.7~12.75GHz	F/D	0.6-0.7dB
Output Frequency Range	Low Band: 950 - 2050MHz High Band: 1100 - 2150MHz	Noise Figure	1.0dB(max)
Input VSWR	2.0:1	Image Rejection	50dB(Type)
Output VSWR	2.0:1	Output Power	+5dB (Min) (at 1dB gain compression)
L.O. Frequency	Low Band 9.75GHz High Band 10.6GHz	Cross Polarization DC SUPPLY	23dB(Min)
L.O. Stability	±2MHz @ (-40c~65c)	DC SUPPLY VOLTAGE	11~14.5V(V), 15.5~22V(H)
L.O. Phase Noise	-70dBc/Hz (1KHz Offset) -80dBc/Hz (10KHz Offset) -100dBc/Hz (100KHz Offset)	SUPPLY CURRENT	120mA (MAX)
Conversion Gain	57~65dB(Type)	LOW/HIGH BAND SWITCHING	Low Band: 0Hz HIGH BAND: 22KHz±4KHz 75OHMS
Gain Flatness	±0.5dB/6MHZ; ±2.5dB/IN BAND	Output Connector	F-F female 0%~95%
		RELATIVE HUMIDITY	-40 °C to +65 °C
		Operating Temperature	0.45m-1.35m
		Type of antenna	
		The case shall have angle turn scale, degree	-45° - +45°

MECHANICAL DIAGRAM



FEATURES

- Easy Installation, Easy to Adjust
- Economical LNB
- Multi Satellite Reception using one single universal 11.3 GHz dish antenna
- Water Proof, Weather Protection, High Performance LNB
- High Gain, Ultra Low Noise Figure, DVB-S2 (HDTV) Compliant
- Qualified & 100% Quality Controlled

OPTIONAL



Alloy

Aluminum

Copper

Gold plated