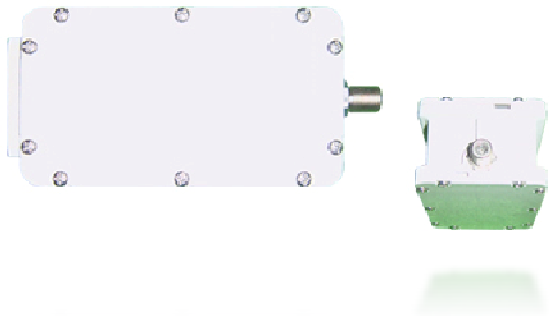


# Ku-Band LNBS (Low Noise Blockconverters)



## Applications

- LNBS for Ku-band VSAT
- SatCom Applications
- Digital Satellite Broadcasting

## Features

- External PLL LNB (Option : Internal Reference)
- Compact Size and Light Weight
- Various Options for Interface

## Specification

Model No	GMD117125A01	GMD109117A01	GMD117122A01	GMD122127A01	GMD123128A01
Input Frequency	11.7 – 12.5 GHz	10.95 – 11.7 GHz	11.7 – 12.2 GHz	12.2 – 12.7 GHz	12.25 – 12.75 GHz
Output Frequency	950 – 1700 MHz	950 – 1700 MHz	950 – 1450 MHz	950 – 1450 MHz	950 – 1450 MHz
L.O Frequency	10.75 GHz	10.0 GHz	10.75 GHz	11.25 GHz	11.3 GHz
Output P1dB	+3dBm min.				
Conversion Gain	60dB typ.				
Gain Flatness	4dB p-p max.				
Gain Ripple(40MHz)	+/- 0.75dB max.				
Image Rejection	45dBc min.				
Input VSWR	2.5 : 1 max.				
Output VSWR	2.5 : 1 max.				
Output Impedance	50 Ohm (N-type) or 75 Ohm (F-type)				
Noise Figure@+25°C	1.0dB max.				
Phase Noise	-70dBc/Hz @ 1kHz / -80dBc/Hz @ 10kHz / -100dBc/Hz @ 100kHz / -110dBc/Hz @ 1MHz				
L.O Leakage at Input Port	-45dBm max.				
L.O Stability (over temp.)	Same as Ext. Ref. (External Reference) Or +/-300kHz ~ +/-25kHz (Internal Reference : Option)				
Ext . Ref . Input	Through IF output connector				
Power Supply	+12 to +24V DC				
Required Current	300mA max.				
Operating Temp.	-33°C to +60°C				
Storage Temp.	-40°C to +80°C				
Relative Humidity	0% to 95% RH				
Input Interface	WR-75				
Output connector	N or F (Female)				
Size / Weight	111.5 (L) x 60.0 (W) x 40.0 (H) mm / 400g				

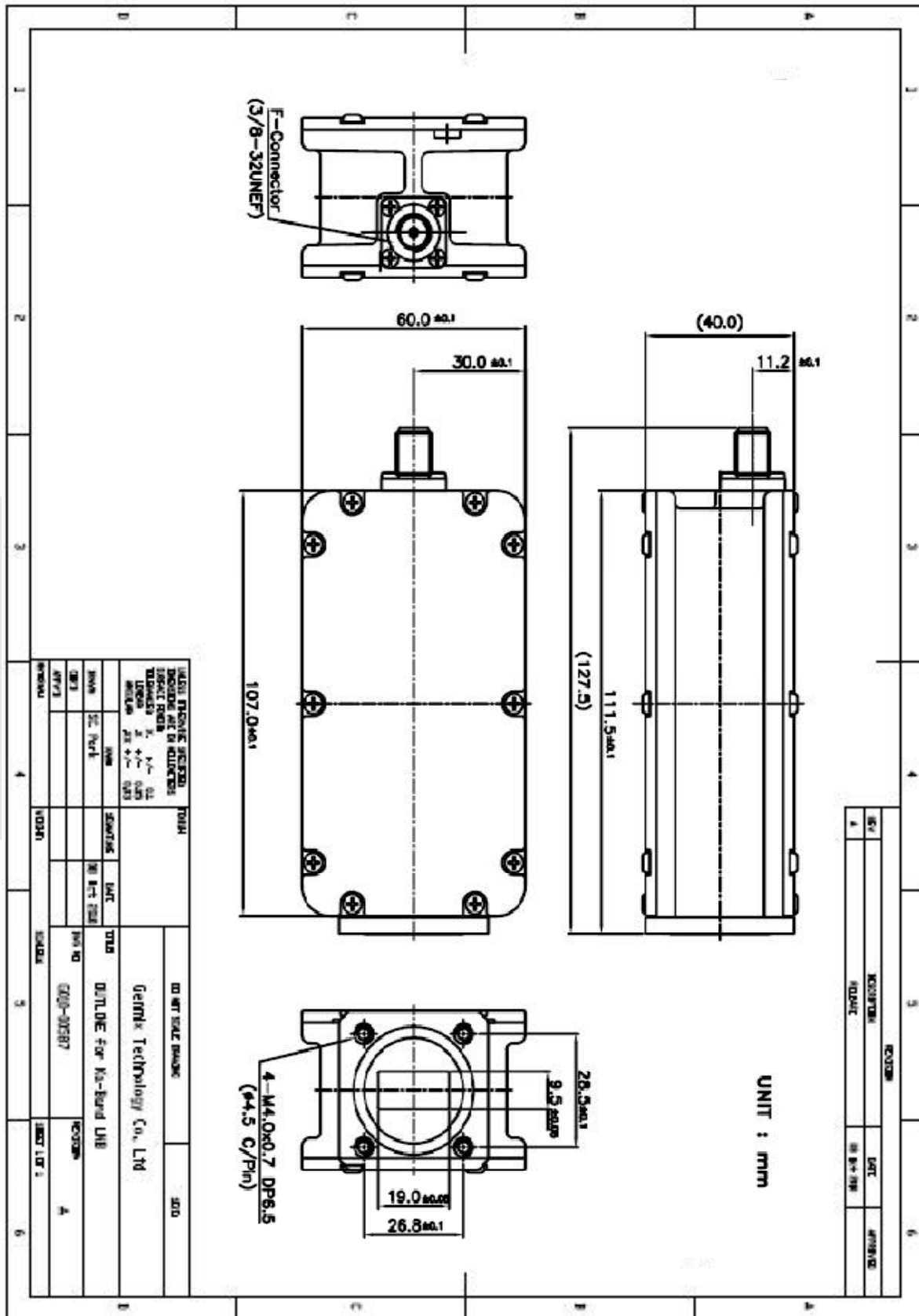
The specification subject to change without notice.

For the customized specification, price, and delivery ; Contact us



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