



Servsat

## DMS Universal Ku-band LNBF

### Model DVB321-2

- Various Input Frequency Range and L.O. For World Wide Market
- Low Phase Noise for not only Analog also Digital Reception
- Superior Low Noise Figure & High Isolation
- Voltage-Controlled H/V Switching (13/18 V)
- Excellent D.R.O. Stability
- Super Compact Tooling
- 40 mm Plastic Cover



	LOW BAND	HIGH BAND
INPUT FREQUENCY RANGE	10.7~11.7 GHz	11.7~12.75 GHz
REFLECTOR TYPE	OFFSET	
F/D RATIO	0.5~0.7	
CROSS POL. ISOLATION	20 dB (Min.)	
NOISE FIGURE	0.6 dB (typical)	0.6 dB (typical)
CONVERSION GAIN	55 dB (typical)	
GAIN FLATNESS	±0.5 dB / 36 MHz	
OUTPUT FREQUENCY	950 ~ 1950 MHz	1100 ~ 2150 MHz
L.O. FREQUENCY	9.75 GHz	10.60 GHz
L.O. PHASE NOISE	-55 dBc / Hz ( @ 1KHz ) -80 dBc / Hz ( @ 10KHz ) -100 dBc / Hz ( @ 100KHz )	
OUTPUT POWER LEVEL (AT 1 dB GAIN COMPRESSION)	0 dBm	
IMAGE REJECTION	45 dB (min.)	
OUTPUT VSWR	2.5 : 1 (MAX.)	
OUTPUT CONNECTOR	75 Ω F TYPE FEMALE	
DC CURRENT CONSUMPTION	130 mA	
OPERATING VOLTAGE	(1) 11.5 ~ 14.0 Vcc VERTICAL POLARIZATION (2) 16.0 ~ 19.0 Vcc HORIZONTAL POLARIZATION (3) Continuous 22KHz ± 4KHz HIGH BAND SELECTION	
OPERATING TEMPERATURE	-40°C ~ +60°C	