

# DTVSAT-C

**KU-BAND LNB/LNBF**  
**BSS / CIRCULAR**  
 Sat C LNBF  
 D 110° LNBF



Model Number	DTVSAT-C
I/P Frequency	12.6-12.7 GHz
O/P Frequency	1061 to 1149 MHz
LO Frequency	11.5416 GHz
LO Initial Accuracy	1MHz @ 25 C
Stability (-35 C to +52 C)	2.0 MHz
LO Phase Noise	<-50 dBc/Hz (@1kHz) / <-75 dBc/Hz (@10kHz) <-95 dBc/Hz (@100KHz) / <-115 dBc/Hz (@1MHz)
Noise Figure (-35 C to +52 C)	1.4 dB (max.)
Crosspol Isolation	25 dB
Conversion Gain	50 dB - 62 dB
Gain Flatness	
Over any 24 MHz band (pk-pk)	1dB, max
Over 500 Mhz band (pk-pk)	5 dB, max
Two Adjacent 24 MHz bands (pk-pk)	1.5 dB, max
Image Rejection	40dB (min.)
3rd IMD	-50 dBm (min.)
1 dB Compression Point	0 dBm
DC Voltage	LHCP 15.0 – 21 VDC
Output Impedance	75 W, F-female
Output VSWR	2.0 : 1
Max. DC Current	120 mA
Output Ports	1
Tube Interface Type	Square Tube
Operation Temperature	-35 C to +52 C
Throat Size	40 mm