

DTVGS & DTVGD

KU-BAND LNB/LNBF
BSS / CIRCULAR
FOR DIRECTV LATIN AMERICA
 BSS/Circular Single/Dual Output
 Ku-LNBF
 31mm THROAT
 11.45-12.2 Ghz



Model Number	DTVGS	DTVGD
I/P Frequency	11.45-12.2 GHz	11.45-12.2 GHz
O/P Frequency	950-1700 MHz	950-1700 MHz
LO Frequency	10.5 GHz	10.5 GHz
LO Initial Accuracy	1MHz @ 25 C	1MHz @ 25 C
LO Stability (-35 C to +52 C)	2.0 MHz	2.0 MHz
LO Phase Noise	<-50 dBc/Hz(@1kHz) <-70 dBc/Hz (@10kHz)	<-50 dBc/Hz(@1kHz) <-70 dBc/Hz (@10kHz)
Noise Figure (-35 C to +52 C)	1.1 dB (max.)	1.1 dB (max.)
Cross-pol. Isolation	18 dB	18 dB
Conversion Gain (-35 C to	50 dB - 62 dB	50 dB - 62 dB
Gain Variation	0.5 dB (max.)/24 MHz <7.5 dB (max.)/750 MHz	0.5 dB (max.)/24 MHz < 7.5 dB (max.)/750 MHz
Image Rejection	40 dB	40 dB
Third Order Intermodulation	-50 dBc (min.)	-50 dBc (min.)
1 dB Compression Point	0 dBm	0 dBm
Polarization Selection	RHCP 10.5 - 14.0 VDC LHCP 15.0 - 21 VDC	RHCP 10.5 - 14.0 VDC LHCP 15.0 - 21 VDC
Output VSWR	2.5 : 1 max	2.5 : 1 max
Output Impedance	75 W, F-female	75 W, F-female
DC Current	120 mA	200 mA
Output Ports	1	2
Operating Temperature	-35 C to +52 C	-35 C to +52 C
Throat Size	31 mm	31 mm