

## DTV32+

### KU-BAND LNB/LNBF

### BSS / CIRCULAR

BSS/Circular Dual Output  
LNBF for DIRECTV, 30 mm  
12.2-12.7 GHz



| Model Number                       | DTV32+                                                                                     |
|------------------------------------|--------------------------------------------------------------------------------------------|
| I/P Frequency                      | 12.2-12.7 GHz                                                                              |
| O/P Frequency                      | 950-1450 MHz                                                                               |
| LO Frequency                       | 11.25 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)<br><-95 dBc/Hz (@100kHz) / <-115 dBc/Hz (@1MHz) |
| Noise Figure (-35 °C to +52 °C)    | 1.1 dB (max.)                                                                              |
| Crosspol Isolation                 | 20 dB                                                                                      |
| Conversion Gain (-35 °C to +52 °C) | 50 dB - 62 dB                                                                              |
| Gain Variation                     | 0.5 dB (max.)/24 MHz<br>2.5 dB (max.)/500 MHz                                              |
| Image Rejection                    | 40dB (min.)                                                                                |
| Third Order Intermodulation        | -50 dBc (min.)                                                                             |
| 1 dB Compression Point             | 0 dBm                                                                                      |
| Polarization Selection             | RHCP 10.5 - 14.0 VDC<br>LHCP 15.0 - 21 VDC                                                 |
| Output Impedance                   | 75 Ω, F-female                                                                             |
| Output VSWR                        | 2.0 : 1                                                                                    |
| Max. DC Current                    | 180 mA                                                                                     |
| Output Ports                       | 2                                                                                          |
| Tube Interface Type                | Square Tube                                                                                |
| Operation Temperature              | -35 °C to +52 °C                                                                           |
| Throat Size                        | 30 mm                                                                                      |

