



# SKY 98 Ka Fixed Terminal



## Key Features:

- Sealed RF chain
- All passive cooling for improved reliability
- Worldwide operation - Full Ka coverage with flexible polarization (5 watt version)
- Inmarsat Global Xpress approved



### EIRP

#### **3 watt transmit**

51.8 dBW @ 29.5GHz, P1dB

#### **5 watt transmit**

54.0 dBW @ 29.5GHz, P1dB

### G/T

20.9 dB/K @ 19.7GHz  
30°EI, clear skies



The 98cm Ka-Band Terminal is a professional grade product suitable for Enterprise applications. It is made up of a 98cm steel antenna and integrated transceiver and has a standard IF interface common to industry standard VSAT modems. Full Ka-Band transmit coverage from 29 to 31 GHz with flexible polarization for truly global operation (5W option only). The SKY 98 is pre-approved for out-of-the-box compatibility with Inmarsat's Global Xpress Ka-Band network.

The Ka transceiver includes the BUC, wideband PLL LNB and associated waveguide OMT and filtering. The product is built in an integrated compact housing and is matched to a high performance feed for optimum RF performance in the antenna.

The pressed steel reflector assures the surface accuracy needed for Ka-Band performance. Pre-galvanized steel with a powder coat finish guarantees excellent corrosion resistance and long life. The die-cast back structure provides for precision alignment of the reflector and support of the RF assembly without distortion.

- *Compatible with standard VSAT modems*
- *Precision pressed steel reflector*
- *Long focal length optics for low cross-pol or beam squint*
- *Integrated OMT and TRF for best EIRP and G/T*
- *Every transceiver unit is tested over Frequency & Temperature*
- *Features to minimize backlash and lockdown errors for accurate pointing*
- *RoHS compliant*
- *3W and 5W options*

## Skyware Technologies

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