



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 option)
- Inmarsat Global Xpress® configurations are available (5 watt option)

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 SKY 98 Terminal is a professional grade product suitable for fixed and semi-fixed 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. When integrated with the DRC3500 5 watt transceiver, the SKY 98 offers truly global operation with flexible polarization and full Ka-Band transmit coverage from 29 to 31 GHz. Configurations are available with out-of-the-box compatibility with Inmarsat's Global Xpress® Commercial (29-30 GHz) Ka-Band Network (5 watt option).

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*
- *Optional Non-Penetrating Roof Mount*
- *3W and 5W options*

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