

# Intellian®

## v240C Ku-band Conversion Kit

### C-band to Ku-band Conversion Kit for 2.4m Maritime VSAT Antenna System

#### Intellian® v240C Ku-band Conversion Kit

allows users to switch between the existing C-band circular and linear configuration to Ku-band linear supporting truly global operations.

The v240C Ku-band Conversion Kit is designed to provide users flexibility of operation in C or Ku-band networks. The design of the v240C Ku-band conversion kit is simple and the entire conversion process can be completed quickly in the field by a Intellian trained service engineer.

Once converted to Ku-band, the system offers the same features and benefits of the C-band platform, including a high-gain, parabolic ring focus reflector and a wide elevation angle range that provides superb signal gain for deep sea vessels that require global coverage.

The Ku-band Conversion Kit is now supplied with an Intellian Ku-band Global PLL LNB and a 8W BUC as standard and all components are shipped securely in a Pelican Case. For more information about the v240C Ku-band Conversion Kit, contact Intellian Technologies today.

#### Technical Specification

Product Number	Specifications
VC-4000	Intellian v240C Ku-band Conversion Kit
<b>RF Performance</b>	
Feed Assembly	Ku-band Cassegrain Feed w/a sub-reflector (Black fire)
RX Frequency	10.95 ~ 12.75 GHz Ku-band
RX Gain	47.6 dBi @ 11.85 GHz
TX Frequency	13.75 ~ 14.5 GHz Ku-band
TX Gain	49.1 dBi @ 14.25 GHz
Cross-pol Isolation	35 dB Min
G/T	27.4 dB/K
Polarization	Linear (Horizontal & Vertical)
<b>RF Component</b>	
LNB	Intellian Ku-band Global PLL LNB as standard
BUC	8W BUC as standard
<b>Package</b>	
Dimensions	86.3cm x 60.9cm x 31.7cm (33.9" x 23.9" x 12.4")
Weight	52kg (114.6 lbs)

#### Key Features

- Supports global operation
- Fully optimized for Ku-band satellite communications
- Quick & Easy Conversion Kit
- Offers Intellian Global PLL LNB & 8W BUC as standard



ISO 9001 Certified

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