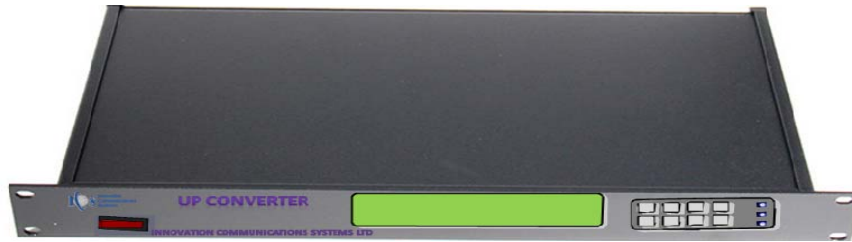




Ka-BAND UP CONVERTER: ICS-UC-KaB-V01S

DESCRIPTION:

The ICS Ka-Band Up converter, Model: ICS-UC-KaB-V01S, accepts input frequency IF of 70 MHz +/-20 MHz and Up converts to 21.7-31.2 GHz Uplink Frequency. The Converter is tunable in steps of 1 KHz and operates on 230 V AC Input. The unit has high stable 10 MHz Reference Oscillator as internal reference. Alternately, it accepts 10 MHz sine wave / clipped sine wave external reference also with auto switching between internal and external reference. The unit has LAN port for remote interface through TCP-IP



FEATURES:

- Double Conversion without Inversion
- LAN Interface for Remote Control
- HMI Interface
- Provision for 10 MHz. Ext. Ref
- Indoor Operation
- 19" Rack mountable 1RU Chassis;

SPECIFICATIONS:

Up Converter

- | | | | |
|---------------------|--------------------|------------------------|------------------|
| • Input Frequency | : 50 - 90 MHz | • Ext. Ref. | : 0+/-3 dBm |
| • Output Frequency | : 27500 - 31200MHz | • I/O return Loss | : 18-dB Min |
| • Freq. Step Size | : 1kHz | • Operating Tem. Range | : 0 to 50 Deg. C |
| • Small Signal Gain | : 35-dB +/- 2dB | • Power Supply | : 230 V AC Input |
| • Level Control | : 25-dB Min | | |

APPLICATIONS: SATCOM, VSAT

INNOVATION COMMUNICATIONS SYSTEM LTD,

Survey No: 185, Door No: 1-55/11/KJ, Kalajyothi Bldg, Ground Floor, Masjid Banda, Kondapur, RR Dist
Hyderabad – 500 084 , Contact: 040-6785 5555