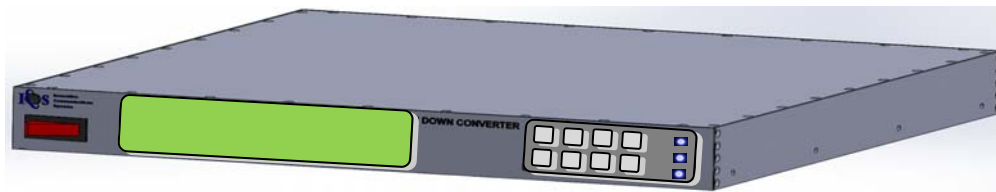




## EXTENDED C-BAND UP CONVERTER: ICS-UC-XCB-V01S

### DESCRIPTION:

The ICS Extended C-Band Up converter, Model: ICS-UC-XCB-V01S, accepts input frequency IF of 70 MHz +/-20 MHz and Up converts to 6700 - 7000 MHz 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  | : 6700 - 7000 MHz | • 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

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