



C-BAND DOWN CONVERTER: ICS-DC-CB-V01S

DESCRIPTION:

The ICS C-Band Down converter , Model: ICS-DC-CB-V01S, operates in the range of 3.4 to 4.2 GHz downlink frequency and converts to IF of 70 MHz +/-20 MHz. 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;
- IF/RF & LO Monitor Point
- Provision for 10 MHz External reference
- HMI Interface & Monitor Points
- 19" Rack mountable 1RU

SPECIFICATIONS:

Down Converter

- Input Frequency : 3625 - 4200 MHz
- Output Frequency : 50 - 90 MHz
- Freq. Step Size : 1KHz
- Small Signal Gain : 45-dB +/- 2dB
- Ext. Ref. : 0+/-3 dBm
- Level Control : 20-dB Min
- I/O return Loss : 18-dB Min
- Operating Tem. Range : 0 to 50 Deg. C
- Supply : 230 V AC +/-10%, 50 Hz

APPLICATIONS: SATCOM, VSAT

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