



EXTENDED C-BAND DOWN CONVERTER: ICS-DC-XCB-V01S

DESCRIPTION:

The ICS Extended C-Band Down converter, Model: ICS-DC-XCB-V01S, operates in the range of 4.5 to 4.8 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 : 4500 - 4800 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

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