

Block Down Converter



Applications

- Upgrade S-band receiver systems to C-band reception
- Video reception from satellites or UAV vehicles
- Remote telemetry site operation
- Sites requiring efficient rack space

Features

- Compatible with receiving systems for upgrade to C-band operation
- Down converts up to four RF channels with total independent control
- 1 U rack height
- C-band block down-conversion
- Usable in high data rate systems
- ARTM TIER II phase noise compliant
- Bypass mode allows normal receiver operation without performance degradation
- Synthesized local oscillators locked to internal or external 10 MHz reference
- Fast recovery from power outage
- Easy to use front panel local control
- Remote control via Ethernet, IEEE 488, RS-232

Description

TTC's BDC-2000 series of block down converters are high-performance down converters used to upgrade existing telemetry receiver systems to C-band operation. The BDC-2000 down converters do this without degrading system performance. The BDC-2004 has four independently tuned down converters, while the BDC-2002 has two independently tuned down converters all in a 1.75 inch rack mounted chassis. The BDC-2000 series of block down converters provide the user with state-of-the-art technology backed by outstanding customer support.

Revision 06/22/2010

BDC-2000 Series Datasheet

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Teletronics Technology Corporation
15 Terry Drive, Newtown, PA 18940
phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

www.ttcdas.com