



FT-DSU/CSU

T-1 DSU/CSU for T-1 and fractional T-1 applications



FEATURES

- Operates on T-1 facilities
- Port speeds of 56 or 64 by N
- LCD front panel setup
- RS-232 control port
- 1 or 2 ports (FT-1, FT-2)
- 2 or 4 ports (FT-2DS, FT-4DS) w/ SNMP, Drop & Insert
- D4 or ESF
- AMI or B8ZS

DESCRIPTION

The FT series DSU/CSU provides reasonably priced solutions for T-1 connectivity. These products deliver digital data at rates of 56 Kbps to 1.536 Mbps over 1.544 Mbps T-1 access lines. Channels can be 56 or 64 Kbps increments, using 1 to 24 DS-0 channels. Set up is easy, using either the LCD front panel or the RS-232 network management port.

The FT-1 and FT-2 are low cost 1 and 2 port fractional and full T-1 DSU/CSU's without SNMP or Drop & Insert. They are small desk sized units, approximately the size of a modem. The FT-2DS and FT-4DS are 2 and 4 port fractional and full T-1 DSU/CSU's that include SNMP and Drop & Insert as standard features. All ports have EIA/TIA-530/V.35 interfaces. The multiple port units are extremely useful for connecting multiple use links to a single location. Combining routers, multiplexers, voice and other traffic on a single frame relay or T-1 link can substantially reduce recurring costs. The FT-2DS and FT-4DS are far more cost effective than a full T-1 channel bank.

The FT-2DS and FT-4DS support Drop & Insert. Drop & Insert is used to terminate one or more DS-0 channels of a T-1 at the digital RS-530/V.35 interface of the FT. One or more of the remaining DS-0 channels can be passed on to other equipment, typically a system using voice lines. For example, a single 112 Kbps channel (56 Kbps x2) might be dropped off to support a router, and up to 22 of the remaining DS-0 channels passed on to a PBX for voice lines. It is also possible to daisy chain an FT-2DS or FT-4DS using the DSX-1 Drop & Insert interface.

The FT DSU/CSU's have complete testing capability. This includes front panel LED's dual bantam jacks on the FT-2DS and FT-4DS, and embedded SNMP. The units have full performance monitor information. This includes performance registers, performance history, alarms and alarm history.

SPECIFICATIONS

General

FT-1 = 1 EIA/TIA-530/V.35 port
FT-2 = 2 EIA/TIA-530/V.35 ports
FT-2DS = 2 EIA/TIA-530/V.35 ports
FT-4DS = 4 EIA/TIA-530/V.35 ports
Cable for TIA-530 to V.35 M34 connector is optional
FT-2DS and FT-4DS are Drop & Insert DSX-1 port for Drop & Insert
DA-15S Drop & Insert connector
AMI or B8ZS line coding
56 or 64 x N data rates up to 1.536 Mbps

Physical/Electrical

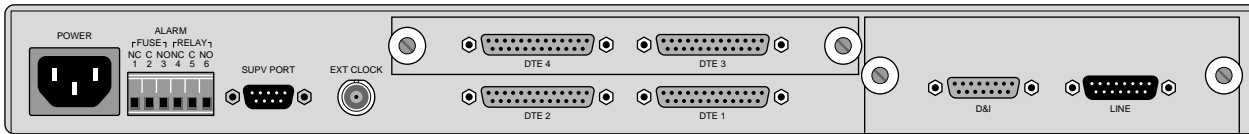
FT-1 and FT-2
8 1/4" x 13/4" x 8 1/2"
5 lbs
FT-2DS and FT-4DS
16 3/4" x 13/4" x 12 1/2"
7.7 lbs

Line Interface Specifications

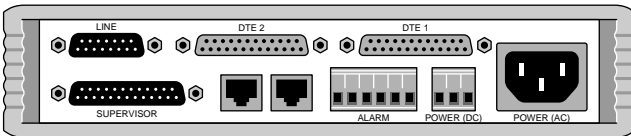
Line rate 1.544 Mbps
AMI or B8ZS line code
D4 or ESF framing
0 to -30 DSX-1 input signal
DA15P connector, DA15S to RJ48C cable included
Output of 0, -7.5 or -15 dB

Controls and Indicators

LCD front panel setup
9 status LED's - Power, Line, D&I, DTEn, RLB, ACO
Dual bantam test jacks
RS-232 control port setup
SNMP agent in FT-2DS and FT-4DS
Line, payload, local and DTE loopback
Test pattern generation

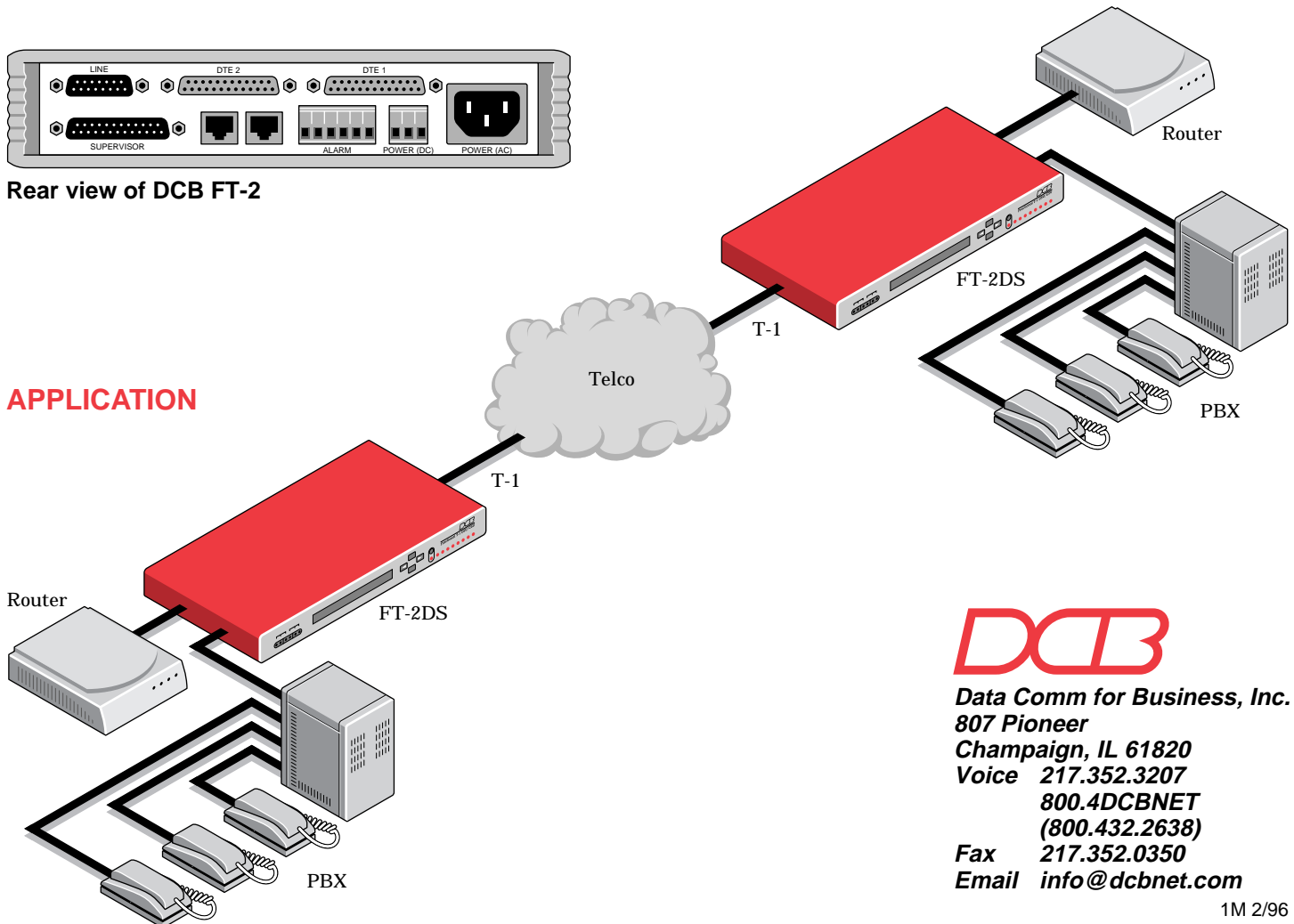


Rear view of DCB FT-4DS



Rear view of DCB FT-2

APPLICATION



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