

# T1 ESF CSU ACE

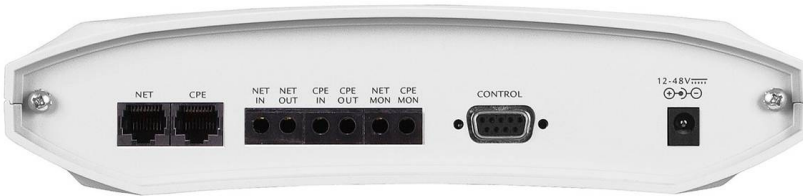
4<sup>th</sup> Generation

## Stand Alone T1 Network Facility Interface

### Front View



### Rear View



### Physical Interfaces

- **Integrated Ports**
  - One T1/FT1 Network Interface
  - One T1/FT1 CPE Interface
  - One DB-9 Console Port

### Physical Specifications

- Chassis: Wallmount
- Dimensions: 2" H, 9.3" W, 6.5" D
- Weight: 1 lb
- Operating Temperature: 32°F to 122°F (0°C to 50°C)
- Mean Time Between Failure (MTBF): 689,656 Hrs

### Performance and Design Considerations

- Network Interface
  - Physical Interface: RJ-48c
  - Framing: D4(SF)/ESF
  - Line Code: AMI/B8ZS
  - Transparent Mode Enables PRI Pass Through
  - Converts D4/AMI to B8ZS/ESF
- CPE Interface
  - Electrical: DSX-1
  - Receiver Performance: Line Build Out (LBO) 0-655 ft
  - Line Code: AMI/B8ZS
- User Options
  - Network Loopback
  - Equipment Loopback
  - Network LBO: 0, 7.5, 15, 22.5 dB

### Performance Monitoring

- Performance Data
  - BPVs/CRCs, ES, SES, UAS, %AS, %EF SEC
  - Alarms and Error Rates
- Reports
  - NI information stored for 24 Hrs in 15 minute intervals
- PRMS
  - ANSI Performance Report
  - Messages (User Selectable)

### Power Specifications

- DC Power: 12 - 48 VDC (AC to DC Power Supply Included)
- Power Consumption: 2.5 W, 9 BTU
- Max Current Draw : 800 mA

### Agency Approvals

- FCC part 15, Class A, FCC Part 68
- Industry Canada CS03, UL 1459, CUL

### Warranty

- 5 Year (Repair & Return)
- [www.ADTRAN.com/Warranty](http://www.ADTRAN.com/Warranty)

### Product Includes

- All T1 ESF CSU ACE units ship with the following:
  - 115 VAC to 12 VDC Power Supply
  - T1 Cable (6')
  - T1 Loopback Test Adapter
  - T1 CSU ACE User Manual

## Ordering Information

T1 ESF ACE	Part Number
T1 CSU ESF ACE 4 <sup>th</sup> Generation	1204025L1
12 VDC Replacement Power Supply	1903022L1
19" Rackmount Shelf (Holds 1 Unit)	1200411L1
19" Rackmount Shelf (Holds 7 Units)	1200417L1

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