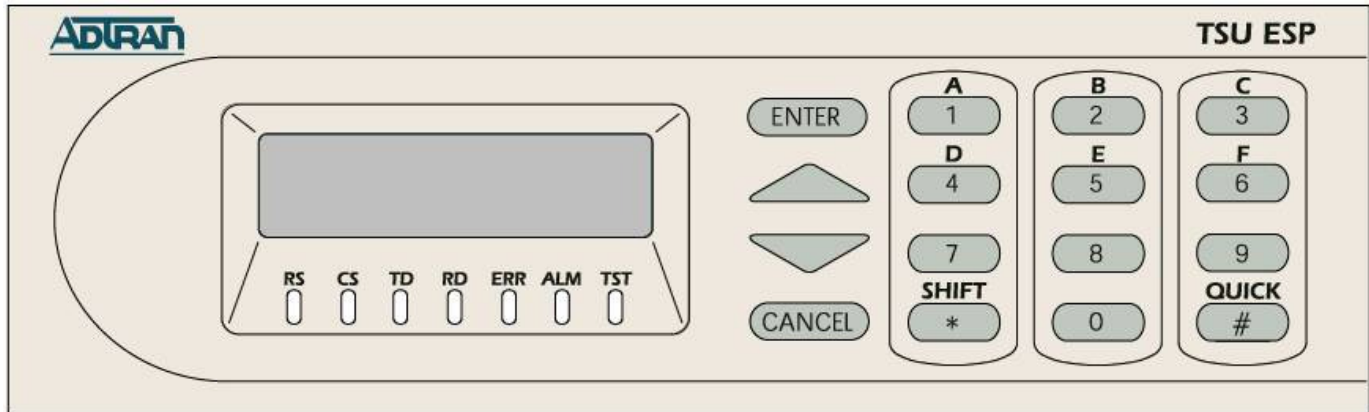


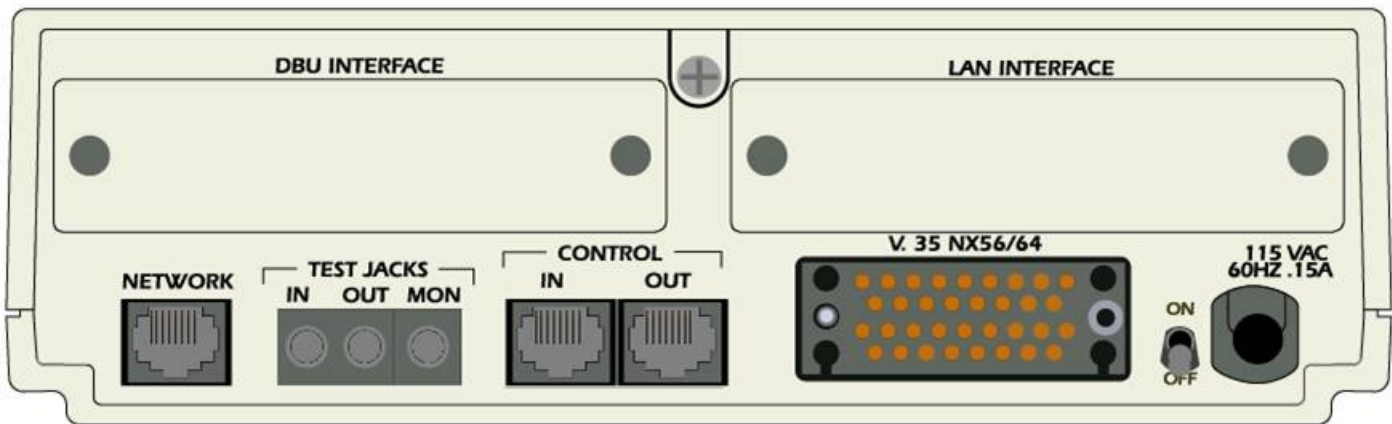
TSU ESP

T1/FT1 DSU/CSU with SNMP

Front View



Rear View



Physical Interfaces

■ Integrated Ports

- One T1/FT1 Network Interface (Integrated CSU/DSU)
- One V.35 Nx56/64 DTE Interface
- Bantam Test Jacks
- Chain In/Out Ports

Physical Specifications

- Chassis: Stand Alone
- Dimensions: 2.4" H, 8" W, 10.4" D
- Weight: 4 lbs
- Operating Temperature: 32°F to 122°F (0°C to 50°C)
- Mean Time Between Failure (MTBF): 791,428 Hrs

User Modules

■ 10 Base-T Ethernet Module

- Provides access to embedded SNMP agent only

■ ISDN BRI DBU Module

- Provides Dial Backup for point-to-point networks

Performance and Design Considerations

- Network Interface
 - Physical Interface: RJ-48c
 - Framing: D4 (SF)/ESF
 - Line Code: AMI/B8ZS
 - T1 Timing: Network, Internal, or DTE
 - DS0 Assignment: Contiguous or Alternating
- V.35 DTE Interface
 - Physical Interface: V.35 (Winchester Type 34 Pin)
 - BIT Rate: 56 Kbps to 1.536 Mbps
 - V.35 Cable not included

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)
- SNMP (With 10 Base-T Ethernet Module Installed)

Power Specifications

- AC Power: 115 VAC
- Power Consumption: 5 W, 17 BTU
- Max Current Draw : 0.15A

Agency Approvals

- FCC part 15 Class A, FCC Part 68
- UL 1950, CUL

Warranty

- 5 Year (Repair & Return)
- www.ADTRAN.com/Warranty

Product Includes

- All TSU ESP units ship with the following:
 - Two 6 ft. modular 8-pin to 8-pin Cable
 - Modular-to-Female DB-9 Adapter
 - User Manual

Ordering Information

| TSU ESP | Part Number |
|---------|-------------|
| TSU ESP | 1200169L1 |

| Modules & Accessories | Part Number |
|-----------------------------------|-------------|
| TSU ESP 10 Base-T Ethernet Module | 1204005L1 |
| TSU ESP ISDN DBU Module | 1204004L1 |

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