Network Termination Unit
Model 2701

The Patton Model 2701 NTU terminates E1 and Fractional E1 services and provides conversion to V.35, X.21, EIA-530 and 10Base-T Ethernet.

Connect to Any Terminal Interface
Smooth clock V.35, X.21, EIA-530, and 10Base-T Ethernet interfaces

Connect at Any Speed
Select nx64 data channels, or 2-Mbps Clear Channel

Supports 75- or 120-Ohm E1 Lines
Get both BNC and RJ-48C connectors on X.21 and Ethernet versions

Eliminate Routers
Bridge Ethernet across the WAN using industry standard PPP/BCP

Standalone or Rack Solutions
Available in desktop and high density SNMP managed racks

Power It Anywhere
Universal input AC (100–240V) and -48 VDC power supply options

One of the smallest and most economical NTUs available, the Model 2701 is designed with features usually found in more expensive units: flexible clocking modes, AMI/HDB3 coding, V.52/V.54 diagnostics, and user-selectable nx64 kbps data rates.

The Model 2701 series terminates E1/FE1 services for all nx64 kbps to 2.048 Mbps rates and connects to a router, FRAD, CODEC, or LAN with V.35, X.21, EIA-530, or 10Base-T interfaces. Front panel LEDs and switches allow for instant diagnostics and service monitoring. Convenient DIP switch-

es support quick and concise configuration of your E1 termination. AC or DC power options make installing the Model 2701 into your network infrastructure a snap. Built for universal mounting, the Model 2701 comes in three distinct flavors covering desktop installation, wall mount, DIN rail mount (optional kit), and telco rack mount. You can now take your E1 anywhere!

The wide variety of features, compact size, and low price make Patton's E1 NTUs the right solution for your next network challenge.

Ruggedized industrial version is available with the same features and interfaces as the standalone version

RJ-45 10Base-T connector

Power from universal AC inputs or -48 VDC

G.703/G.704 interface supports dual 75Ω BNC and RJ-46C connectors

LEDs display network, data, and diagnostic status at-a-glance

Front panel switches for loops and test patterns

2U-high rack card is available with the same features and interfaces as the standalone version *plus* SNMP management

Key Features	Benefits/Advantages
Supports full 2 Mbps or nx64 kbps	E1 service flexibility. Pay only for the data you use.
V.35, X.21, EIA-530, or 10Base-T Interfaces	Flexible interface options mean the Model 2701R will easily connect to your network
Built-in V.54/V.52-compliant diagnostics. Responds to CO initiated loops	Diagnose problems on the spot, thereby ensuring network reliability and up-time
Available in DIN, wall mount, desktop, or high density SNMP managed racks	Higher density in smaller spaces with command and control over your network
100–240 VAC or –48 VDC power options	Universal power supply options make installing the Model 2701R into your network infrastructure a *snap!*

The model 2701's price, variety of interfaces and features make it the right solution for your E1 network!

NetLink™ 2701R Product Family

2701R 2701 2701RC

	2701R/C 2701/C	2701R/B 2701/B	2701R/D 2701/D	2701R/I 2701/I	2701RC/A/I	2701RC/B/B	2701RC/D/V	2701RC/D/D	2701RC/C/I
DCE Interface	V.35	EIA-530	X.21	10Base-T	V.35	EIA-530	X.21	X.21	10Base-T
Network Interface	RJ-48C		RJ-48C & Dual BNC		RJ-48C			Dual BNC	RJ-48C
Power Supplies	UI (100–240 VAC) or -48 VDC				AC or DC rack power supplies				
Dimensions	1.50 H x 4.17 W x 5.84 D inch (3.84 H x 10.6 W x 14.84 D cm)				3.0 H x 0.83 W x 7.84 D inch (7.6 H x 2.1 W x 19.0 D cm)				
Weight	1.0 lbs (0.45 kg)				0.31 lbs (0.14 kg)				
Line Rate	2.048 Mbps (E1 and Fractional E1)								
Line Coding	AMI or HDB3								
Line Framing	G.703 (unframed) or G.704/G.732 (framed)								
DTE Rates	nx64 kbps (V.35, EIA-530, X.21/V.11); nx64 kbps to 10Base-T (10 Mbps)								
Clocking	Smooth clocking—Internal, External or Receive Recover								
Diagnostics	Local/Remote Loop, 511 and 511E BERT								
Range	1.6 km								
Compliance	CE Mark, G.703, G.704, G.723, G.832, CTR-12 and CTR-13; 1500 VRMS transformer isolation								
Temperature/Humidity	32 to 122°F (0 to 50°C)/5 to 90% relative humidity, non-condensing								