



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 switches 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, 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.

Visit www.patton.com for more information.

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

Why use our E1 NTUs?

Key Features

Supports full 2 Mbps or nx64 kbps

V.35, X.21, EIA-530, or 10Base-T Interfaces

Built-in V.54/V.52-compliant diagnostics. Responds to CO initiated loops

Available in DIN, wall mount, desktop, or high density SNMP managed racks

100–240 VAC or –48 VDC power options

Benefits/Advantages

E1 service flexibility. Pay only for the data you use.

Flexible interface options mean the Model 2701R will easily connect to your network

Diagnose problems on the spot, thereby ensuring network reliability and up-time

Higher density in smaller spaces with command and control over your network

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/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								

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