

## E1 NTU Series ETU01-C



### Two-Ports, Fractional E1 Access Unit w/ E1 Sub-Link

The ETU01-C provides an economic multiplexing solution for Fractional E1 network services. Two DTE devices may be linked to the ETU01-C at data rates of 64Kbps to 2048Kbps. The ETU01-C also provides one E1 sub-link which may perform Drop & Insert with user-defined timeslot connections from a PABX or other E1 equipment to E1 network services. The ETU01-C supports local control and diagnostics via front panel LCD and menu pushbuttons or a serial RS-232 console port. This feature enables users to easily configure the unit, execute the in-service diagnostics and monitor the network status. The ETU01-C is available in two different voltage models. Voltage models include AC (100~240VAC) or DC (18~72VDC). The E1 interface is selectable as either unbalanced BNC (75 ohm) or balanced RJ-45 (120 ohm).

### Features

- Terminate Fractional E1 service
- Setup and Control via front Panel with LCD display or ASCII terminal
- Built-in BERT testing function
- In-band Control
- IDLE Code:00-FF by user setting
- Integrates high speed data and E1 link with an intelligent E1/ Fractional E1 Access Unit.
- Selectable data rates: Nx64Kbps (N=1~32)
- Supports E1 drop & insert port
- Supports V.35 or RS-530 selectable data interface channel. (Cable Solution for V.35, X.21, or RS-449)
- Supports rack mount option

### Specifications

Local control	16 x 2 character LCD with backlight	
Data rate	Selectable Nx64Kbps, Nx56Kbps (N=1~32)	
Fixed cable solution Interface	V.35, RS-530, X.21, RS-449, RS-232, G.703 64 codirectional, 10/100Base-T Ethernet, and NRZ/BNC	
Power	AC	90 — 250 VAC
	DC	18 — 75 VDC
Environment	Temperature	0 — 50°C (Operating); 0 — 70°C (Storage)
	Humidity	0 — 90% non condensing
	Power Consumption	10W
LEDs	PWR, Sig Loss, SYNC Loss, Alarm, TD, RD, Error, Test	
Dimensions(WxDxH)	195mm x 255mm x 45mm	
Weight	1.5kg	
Test Switch/ Diagnostics	Digital local loopback	
	Analog local loopback	
	Digital remote loopback	
	Test pattern	
Compliance	CE, FCC part 15 class A, ITU-T G.703, G.706, G.723, G.823	
MTBF	TBA	

### Ordering Info

ETU01-C-AC	ETU01C & AC power supply (with LCD)
ETU01-C-DC	ETU01C & DC power supply (with LCD)

Optional Cables for other I/F	
CAB-DB25MB34F-V35	DB25M to MB34F, DCE, length 1 meter
CAB-DB25MB15F-X21	DB25M to MB15F, DCE, length 1 meter
CAB-DB25DB37F-449	DB25M to MB37F, DCE, length 1 meter

### Application

