

T1 Family

T1 NTU Series G703FT1

Single Port Fractional T1 Access Unit



This G.703 Fractional T1 Access Unit is a single port access unit for Unframed or Fractional T1 (DS1) services. Data Port rates are selectable via DIP-switches, for any multiple of 56 or 64Kbps up to 1544kbps. User data is placed into the T1 frame, using only the required number of timeslots. Timeslot assignment is accomplished according to the Data Port speed and is selected by DIP switches. The main T1 link may be clocked from the recovered receive clock (LBT), from the data port, or from an internal oscillator. The data channel interface is standard RS-530, with cable solutions for V.35, X.21 and RS-449. The G.703 FT1's DIP and slide switches, located on the side and front panels, provide for easy setup and control of all functions.

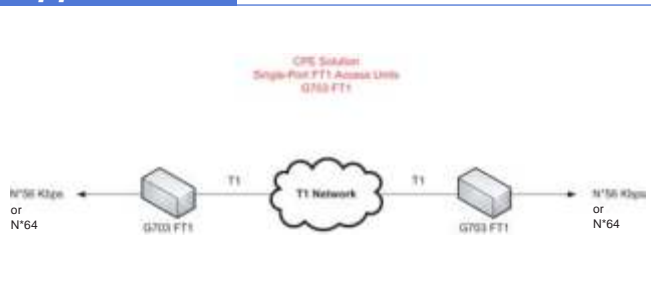
Features

- Terminate T1/ Fractional T1 service
- Clock Regeneration from incoming AMI or B8ZS data
- Data rate: DIP selectable sync Nx64Kbps to 1544Kbps
- Decoded data in NRZ form
- Diagnostic Loopbacks both for G.703 and Data Port sides
- Fully transparent signal conversion under unframed mode (1544Kbps)
- Interface conversion between G.703 and RS-530, RS-449 (V.36), X.21 or V.35.
- LTU (Line Terminating Unit) built in unit
- DTE/ DCE switchable Data Port

Specifications

Framing	D4 or ESF selectable	
Data Rate	n*64Kbps where n equal to 1 to 24	
Power	9 VDC Adapter for 110VAC or 220VAC	
Environment	Temperature	0 — 50°C (Operating); 0 — 70°C (Storage)
	Humidity	0 — 90% non condensing
Power Consumption	5W	
LEDs	DTE, DCE, TD, RD, TEST, ALARM, T-Clk Loss, R-Clk Loss	
Dimensions(WxDxH)	99mm x 170mm x 30mm	
Weight	360g	
Compliance	ANSI T1. 403, ITU-T G.703, G.704, G.706, G.824	

Application



Ordering Info

G703FT1/	xxx	x
	V35	F: Female connector
	X21	M: Male connector
	530	
	449	
Cables for different I/F solutions		
V35	DB25-MB34 Cable	
X21	DB25-DB15 Cable	
530	DB25-DB25 Cable	
449	DB25-DB37 Cable	
Cables for connecting Cisco Routers directly		
CAB-DB25MLHF60M3M	RS-530 adapter cable for high speed transmission, connect to Cisco LHF60	
CAB-DB25MSSHP26M3M	RS-530 adapter cable for high speed transmission, connect to Cisco SSHP26	