

TDM Modem Series SHDTU03-E1



E1 SHDSL Modem

The SHDTU03-E1 connects customers to high-speed G.703 E1 services via TDM based G.SHDSL at up to 2.048Mbps. The SHDTU03-E1 is configured and managed via a menu-driven VT-100 compatible asynchronous terminal interface on RS-232. The SHDTU03-E1 acts as either a CO or CPE in point-to-point applications or as a CPE device when connected to our SHRM03 TDM based rack.

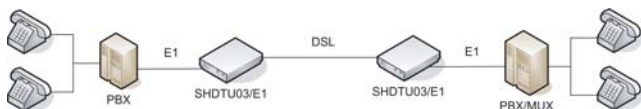
Features

- Adaptive rate installation maximizes data rate based on loop conditions
- Bandwidth guaranteed transmission equipment
- Can operate in back to back configurations
- Efficient single wire pair usage
- Fast and cost-effective provisioning of traditional or TDM leased line services
- Local management interface with LCD display
- Raw and time stamped statistics
- Remote loopback
- SHDSL Line performance monitoring
- Standard G.SHDSL (ITU G.991.2) support for improved reach/speed and greater interoperability
- Use existing copper loop infrastructures
- Up to 2.048Mbps symmetrical service bit rate

Specifications

Line Rate	SHDSL per ITU G.991.2	
Coding	Trellis coded pulse amplitude modulation	
Support	ANSI (Annex A) and ETSI (Annex B)	
Payload rates	192kbps to 2.048Mbps	
Connector	RJ-45	
Framing	G.703/G.704 (unframed / framed) CRC 4 enable/disable	
DSL Timing	Network (Recovery)/ Internal/ DTE	
G.703 Interface	RJ-48C for E1(120ohms) & BNC for E1 (75 ohms)	
Loopback	Local Loopback/ Digital Loopback Remote Loopback/ Built-in bit error rate tester	
Performance Monitoring	ES, SES, UAS, Alarms, Errors for E1/T1*, SHDSL Threshold Crossing Notification	
Power	AC	90 — 240VAC
	DC	-48VDC
Environment	Temperature	0 — 50°C (Operating); 20 — 70°C (Storage)
	Humidity	5% — 90% non-condensing
Power Consumption	10W	
Dimensions(WxDxH)	19.5cm x 16.8cm x 4.8cm	
Weight	850g	
Compliance	CE, FCC	

Application



Ordering Info

SHDTU03-E1/2T-AC	G.703 E1 interface, LCD panel & AC Type
SHDTU03-E1/2T-DC	G.703 E1 interface, LCD panel & DC Type