

TDM Modem Series SHDTU03-ET100



Ethernet SHDSL Modem

The SHDTU03-ET100 connects customers to Ethernet Bridging via TDM based G.SHDSL at up to 2.304Mbps. The SHDTU03-ET100 is configured and managed via a menu-driven VT-100 compatible asynchronous terminal interface on RS-232. The SHDTU03-ET100 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. This modem is equipped with an adaptive rate capability that identifies the maximum line rate supported by the copper loop. This powerful feature makes installation and service provisioning simple and painless.

Features

- Adaptive rate installation maximizes data rate based on loop conditions
- Bandwidth guaranteed transmission equipment
- Can operate in point-to-point configurations
- Efficient single wire pair usage
- Fast and cost-effective provisioning of traditional frame relay (FR or T-HDLC) 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 2.304Mbps 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 2.304Mbps	
Connector	RJ-45	
DSL Timing	Network (Recovery)/ Internal/ DTE	
Loopback	Local Loopback/ Digital Loopback Remote Loopback/ Built-in bit error rate tester	
Performance Monitoring	ES, SES, UAS, Alarms, 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-ET100/2T-AC	10/100 Base-T Ethernet interface, LCD panel & AC Type
SHDTU03-ET100/2T-DC	10/100 Base-T Ethernet interface, LCD panel & DC Type