



2-Wire G.SHDSL TDM V.35 NTU SHDTU03-V35

The CTC SHDTU03 family of G.SHDSL TDM based modems is a telecom product for carriers or SME users. The SHDTU03-V35 offers a V.35 DTE interface which works over an SHDSL line. The V.35 interface provides high-speed TDM services by way of a DB25 I/F and adapter cable. The factory selected RS-530 interface will electrically support RS-530, X.21 and RS-449 with appropriate adapter cable. The data rate of DB25 I/F may be up to 2.304Mbps with one pair copper wires. The SHDTU03-V35 can be configured and managed via LCD, or menu-driven VT100 compatible Async. terminal interface, either locally or remotely.

Features

- Supports Nx64 V.35, X.21, RS-530, and RS-449 over SHDSL
- Standard ITU G.991.2
- Fast and cost-effective services of TDM on a single or two wire pair of existing copper loop infrastructure
- Wetting current to protect copper line (optional)
- Local management interface with console menu
- Remote line loopback
- G.SHDSL Line performance monitoring (data rate and SNR)
- Raw and per time interval statistics

Specifications

Ports

SHDSL Interface

- Line code : 16 level Trellis Coded PAM
- Line data rate : User selectable from 64kbps to 2.304Mbps
- Support : ANSI (Annex A) and ETSI (Annex B)
- Support wetting current : 4mA-20mA and alarm on failure

Datacom Interface

- Compliance: ITU-T G.991.2
- User selectable as : V.35, RS-449, RS-530, X.21
- Data Rate : 64kbps to 2304kbps
- Connector : D25F (adapters available)
- Timing : Internal, External, and Recovery
- SHDSL PM : ES-crc, SES-crc, UAS, LOSW seconds
- Local SHDSL loopback / Remote SHDSL loopback / Remote payload loopback

Performance Diagnostic

Management

- Configuration with keypads and LCD display
- Console port (RJ45, RS232)
- Support firmware upgrade

LEDs

- PWR, SHDSL, TD, RD, CTS, TEST, LOOP, ALARM, and FAR ALARM, and FAR ALARM

Power

AC Input: 100~240V
DC Input: -36 ~ 72V

Power Consumption

10W

Dimensions

168 x 195 x 48mm (D x W x H)

Weight

0.85kg

Temperature

0 ~ 50°C (Operating), 0 ~ 70°C (Storage)

Humidity

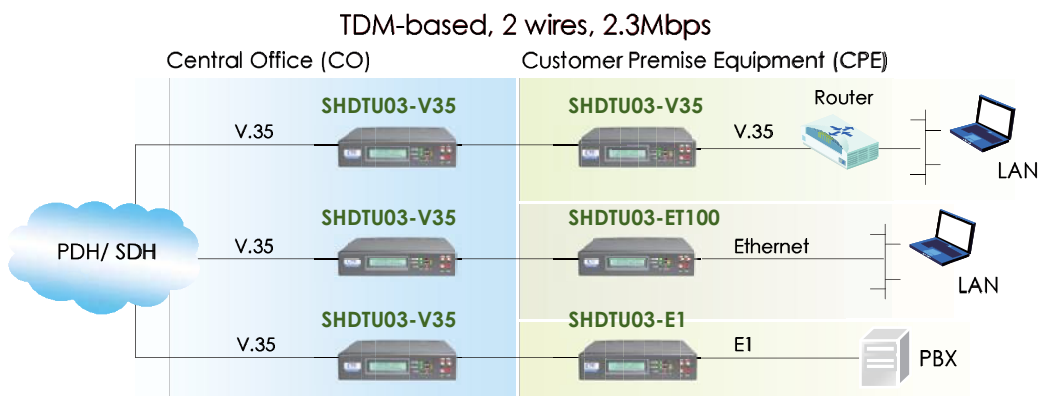
10 ~ 90% non-condensing

Certification

CE, FCC, RoHS

MTBF

57,000 hours



Ordering Information

Model Name	Type	Description
SHDTU03-V35-AD	V.35	V.35 NTU with AC + DC Power with 1 x V.35 Cable
SHDTU03-530-AD	RS-530	RS-530 NTU with AC + DC Power with 1 x RS-530 Cable
SHDTU03-449-AD	RS-449	RS-449 NTU with AC + DC Power with 1 x RS-449 Cable
SHDTU03-X21-AD	X.21	X.21 NTU with AC + DC Power with 1 x V.21 Cable

Interface Power Type

SHDTU03 - -

Example: SHDTU03 - V35 - AD