

G.SHDSL.bis 4W Modem



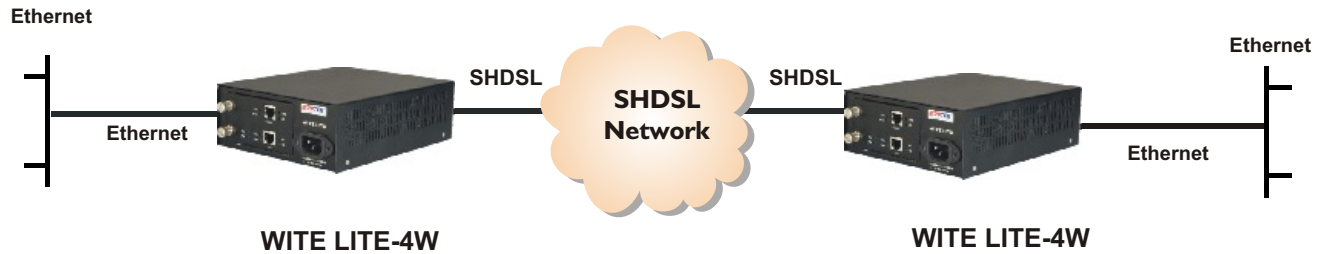
WITE LITE-4W

WITE LITE-4W is a simple, cost-effective managed G.SHDSL.bis modem that extends the range of high speed services over existing copper pairs. Using TC-PAM 16 (Trellis Code – Pulse Amplitude Modulation) or TC-PAM 32 line coding SHDSL.bis technology, the modem can operate in full duplex mode over 2W lines at data rates of upto 5696 Kbps and upto 11392 Kbps over 4W lines.

Key Features

- Provides 10/100 Mbps data connectivity on 1-pair /2-pair unconditioned twisted copper pairs.
- Operates at multiple data rates from 64 kbps to 5696 kbps on one pair cable and 128Kbps to 11392Kbps on two pair cable.
- Supports local and remote loopback
- Provides extensive G.SHDSL performance monitoring.
- Provides LED indicators for alarms
- Fault pass through function
- TEC Approved
- SNMP manageable
- Supports transmission quality monitor in NMS: ES, SES, UAS
- Line Interface
 - Type : RJ45 connector, 2W/4W unconditioned dedicated line (twisted pair)
 - Line coding : Trellis Coded Pulse Amplitude Modulation (TC-PAM)
 - Standard : Conforms to ITU-T G.991.2
- Input power : 100~240V AC and -36~-72V DC

Application



Technical Specifications

- **Line Interface**

| | |
|-------------------------|----------------------------------------------|
| Type | : 4-wire (twisted pair) |
| Line Coding | : TC-PAM 16/32 |
| Standards compliance | : ITU-T 991.2 |
| Connectors | : RJ-45 |
| Typical Range | |
| Data Rate (Kbps) | Distance (km) on 0.5 mm (24 AWG) wire |
| 128 | 15.1 |
| 256 | 11.0 |
| 512 | 11.3 |
| 1024 | 9.9 |
| 2048 | 7.6 |
| 3072 | 5.5 |
| 4096 | 5.8 |
| 4608 | 5.5 |
| 5120 | 4.9 |
| 6144 | 4.1 |
| 7680 | 3.6 |
| 9216 | 3.1 |
| 10240 | 2.8 |
| 11392 | 2.5 |

- **Network Interface :**

Type : 10/100 Mbps Fast Ethernet
Connector : RJ45

- **Clock Options** : Internal & Recovered

- **Power supply** : 100~240V AC and -36~-72V DC

- **Power consumption** : < 8W

- **Environment of operation :**

Operating Temperature : 0 ~ 45 deg-C
Humidity : 5% ~95%
Storage Temperature : -40 ~ 70 deg-C

- **Dimensions (W x H x D):** 158 x 64 x 200 mm

Ordering WITE LITE-4W

WL/B/FE/4W/AC/DC

G.SHDSL.bis modem with one 10/100M Fast Ethernet port (RJ45) and one 4-wire G.SHDSL.bis port (RJ45)



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