

## Low Speed Modem



### WITELITE-64



Rear panel of WITELITE-64 (V.35)



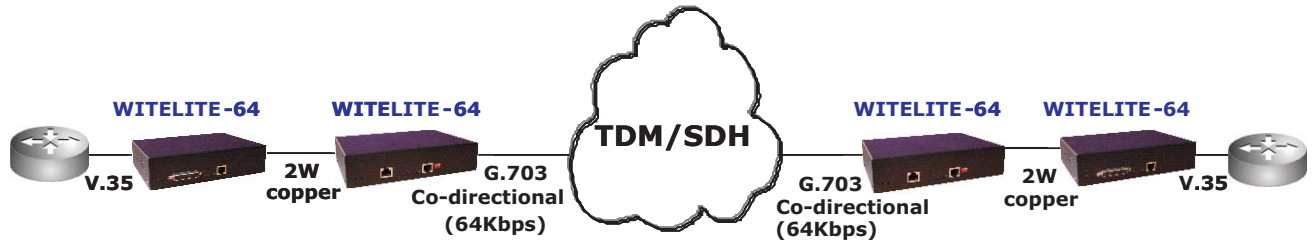
Rear panel of WITELITE-64 (G.703)

**WITELITE-64** is a low data rate (64Kbps) modem which operates in full-duplex over 2-wire infrastructure. The modem utilizes TC-PAM modulation scheme for extending transmission up to 5.2Kms thus enabling carriers to reach more customers at lower costs. The modem supports G.703 co-directional and serial V.35 user interfaces.

### Key Features

- Provides data rate up to 64Kbps (G.703 co-directional) in both transmit and receive directions
- Compliant to TC-PAM standard
- Flexible clocking option ( Internal, External or Received)
- Internal Pattern Generation for maintenance purpose
- Operating distance up to 5.2Kms on 2-wire (26AWG, 0.4mm) twisted copper pair
- Plug and Play Device
- Supports co-directional G.703 (64Kbps) and V.35 interfaces
- DIP switches for extensive diagnostics and loopback
- Supports LED indicators on front panel for status and alarm indication
- Input power : 100~240V AC and -36~-72V DC .
- Power consumption:  $\leq$  5W

## Application



## Technical Specifications

- Line Interface**
  - Type : 2-wire (twisted pair)
  - Line Coding : Trellis Coded Pulse Amplitude Modulation
  - Transmission Range : 5.2Kms (26AWG, 0.4mm) on 2-wire
  - Connectors : RJ-45
- Network & Client Interface:**
  - G.703 speed : 64Kbps (co-directional)
  - G.703 connector : RJ-45
  - V.35 : M34 connector, 64Kbps
- LED Indicators:**
  - PWR : Power
  - TD : Transmit Data
  - RD : Receive Data
  - DCD : Digital Carrier Data
  - RTS : Request to Send
  - TST : Test
  - Line Sync : Line Synchronization
- Front Panel Buttons:**
  - Reset
  - DIP switch for Diagnostics
- Power supply**
  - AC input : 100-240V AC, 50-60Hz
  - DC input : 36-72VDC
- Power consumption** : ≤ 5W (max)
- Environment of operation**
  - Operating Temperature : 0 ~ 50 deg-C
  - Humidity : 5% ~ 95%
  - Storage Temperature : 32 ~ 122 deg-F
- Dimensions (WxHxD)** : 132 x 44 x 190 mm

## Ordering WITELITE-64

WL64/#/2W/AC/DC		2-Wire Low Speed Modem
	#	V.35 for V.35 user interface
		G.703 co-directional for G.703 co-directional interface



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