

G.703 64Kbps Co-Directional to V.35 / RS-530 / 449 / 232 / X.21

G703 / 64A-STD



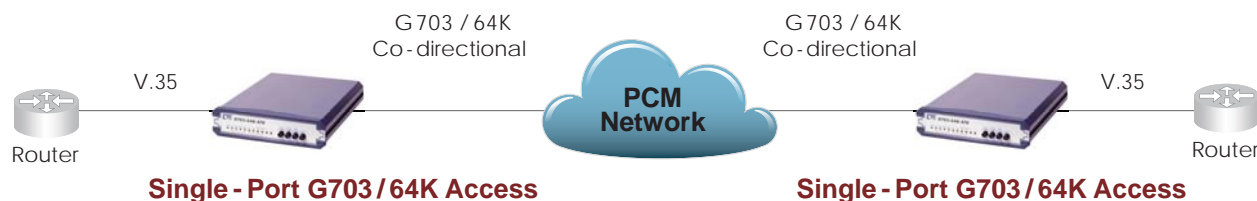
The G703/64A-STD is a 1U half 19" stand-alone or rack mountable interface converter that allows full conversion between G.703 64Kbps co-directional services and a number of data port interfaces including ITU V.35, X.21, EIA RS-530, RS-449 and RS-232 hardware. The interface converters are very easy to implement. Simply select the mode, appropriate interface settings and adapter cable, configure the required timing for translation via internal DIP switches, and connect to appropriate power. This model features full compliance with all the relevant ITU & EIA standards under 64Kbps network environments with high reliability. G.703 64K Family of products may be used in Packet Switching Networks, ISDN and DDN. They are also useful for data terminals which access PCM, 64K/2048Kbps digital channels as well as digital microwave channels. Additionally, it may be connected to satellite communication channels.

Features

- 1U half-19" single port G703 64kbps access unit
- Interface: V.35, X.21, RS530, RS449 and RS232 with cable
- Data rate: 64Kbps Sync and Async RS232 up to 19.2Kbps
- Fully transparent signal conversion
- Selectable timing modes: recovery, transparent, data port or internal OSC
- Data port provides 10bit FIFO
- Diagnostics: local and remote analog and local digital loopback

Specifications

Interface	Types: co-directional, centra-directional, or contra-directional 64Kbps Frame format: Unframed Line: 4 wires, 0.5 -0.7mm twisted pair cable Range: up to 800 meters over 24AWG Impedance: 120 ohm Pulse amplitude: Nominal 1.0V ±10 Zero amplitude: ±0.1V Clock frequency: 64KHz Frequency tracking: ±100ppm Connector: DB9F
Data interface	Types: V.35, X.21, RS-530, RS-449, RS-232 with adapter cable Data rate: 64kbps for Sync. 19.2kbps for Async Connector DB25F
Indications	LEDs (Power, TD, RD, RTS, DCD, TX, RX, Signal, Timing, Err, Test)
Standards	ITU-T G.703, G.823
Power Input	AC: 90 ~ 250 VAC DC24: -18 ~ -36 VDC, DC48: -36 ~ -72 VDC
Power Consumption	10W
Dimensions	235 x 195 x 45mm (D x W x H)
Weight	1.6kg
Temperature	0°C ~ 50°C (Operating), -10°C ~ 70°C (Storage)
Humidity	10 ~ 90% non-condensing
Certification	CE, FCC
MTBF	57,000 hrs



Ordering Information

Model Name	Description
G703/64A-STD/AC	Access Units with AC power supply (90 ~ 250 VAC) Support interface: V.35 / RS-530 / RS-449 / X.21 / RS-232
G703/64A-STD/DC	Access Units with -48 VDC power supply (±36 ~ ±75 VDC) Support interface: V.35 / RS-530 / RS-449 / X.21 / RS-232
G703/64A-STD/DC+24	Access Units with +24 VDC power supply (±18 ~ ±36 VDC) Support interface: V.35 / RS-530 / RS-449 / X.21 / RS-232

G703/64A – STD / □□

Example: G703/64A – STD / AC