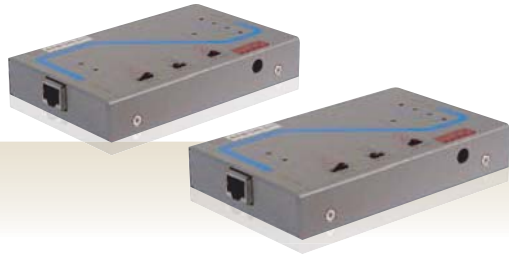


# G.703 64Kbps Co-Directional



## G.703 64Kbps Co-Directional Compact Standalone Unit

### G703 / 64A

The G703/64A is a compact stand-alone 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 and appropriate interface settings by DIP switch, select an 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

- Palm size single port G703 64kbps access unit
- Interface: V35, X21, RS530, RS449 and RS232 with cable adapters.
- 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
- Selectable co-directional, centra-directional or contra-directional
- Diagnostics: local analog and digital loopback

#### Specifications

Interface	G.703/64K 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: RJ-45
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, RD, SD, GRD, GSD, Signal loss, Timing loss)
Standard	ITU-T G.703, G.823
Power Input	9VDC
Power Consumption	5W
Dimensions	135 x 79 x 30mm (D x W x H)
Weight	0.18kg
Temperature	0°C ~ 50°C (Operating), -10°C ~ 70°C (Storage)
Humidity	10 ~ 90% non-condensing
Certification	CE, FCC
MTBF	57,000 hrs

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#### Ordering Information

Model Name	Description
G703/64A-232	G.703 64kbps Converter with single RS-232 interface with adapter cable
G703/64A	G.703 64k Converter with DB25 interface Optional Cables solution for V.35 / RS-530 / RS-449 / X.21

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Example: G703/64A - 232