

Single port G.703/64K Series G703/64A-STD



G.703/64K CO-directional Interface Converter

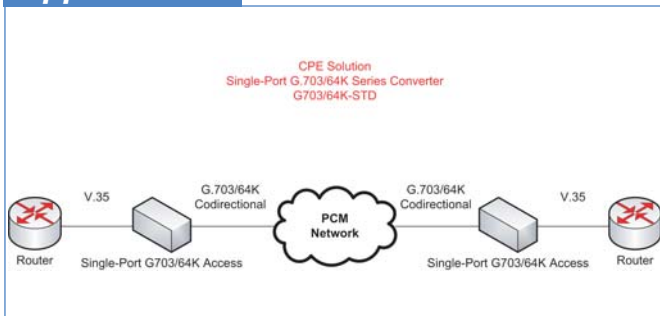
The G703/64A-STD interface converter allows full conversion between G.703 64Kbps services and a number of Data Port Interfaces including ITU V.35, X.21, RS-530, RS-449 and EIA RS-232 hardware. The interface converters are very easy to implement. Simply select the model and appropriate interface settings 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.

This product may be used widely in the Packet Switching Network, ISDN and DDN. It is 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 such as SPAR series.

Features

- I/F conversion between G.703/64K and V.35, X.21, RS-232/449/530
- Fully transparent signal conversion
- Diagnostics: local and remote analog and local digital loopback
- Selectable codirectional, centradirectional or contradirectional
- Selectable timing modes: recovery, transparent, dataport or internal OSC
- Single port access to 64Kbps services
- Data port provides 10 bit FIFO

Application



Specifications

ITU-T G.703 I/F Specifications

Framing	Unframed
Connector	RJ-45
Impedance	120 ohm
Pulse amplitude	Nominal 1.0V ±10%
Zero amplitude	Nominal 0V ±0.1V
Clock frequency	64KHz
Freq. Tracking	±100ppm
Compliance	ITU-T G.703 and G.823

Data Port Specifications

Connector	DB25/F with adapter cables
Data Rate	64Kbps for Synchronous mode, 19.2Kbps for Asynchronous (RS-232) mode
Line code	NRZ
Type	RS-232 DB25 - DB25 Female RS-449 DB25 - DB37 adapter cable RS-530 DB25 -DB25 adapter cable V.35 DB25 - MB34 adapter cable X.21 DB25 - DB15 adapter cable

General Specifications

Power	AC	90 — 240VAC
	DC	-36 — -75VDC; -18 — -36VDC
Environment	Temperature	0 — 50°C (Operating); 0 — 70°C (Storage)
	Humidity	0 — 90% non condensing
Power Consumption	10W	
LEDs	PWR, TD, RD, RTS, DCD, TX, RX, Signal, Timing, Err, Test	
Dimensions(WxDxH)	195mm x 255mm x 45mm	

Ordering Info

G703/64A-STD/AC	G703 Rack standalone with AC (90 —250VAC) cable
G703/64A-STD/DC	G703 Rack standalone with DC -48V (-36 — -75) cable
G703/64A-STD/+24	G703 Rack standalone with DC +24V (-18 — -36) cable

Cables for connecting Cisco Routers directly

CAB-DB25MLHF60M3M	RS-530 adapter cable for high speed transmission, connect to Cisco LHF60
CAB-DB25MSSHP26M3M	RS-530 adapter cable for high speed transmission, connect to Cisco SSHP26