

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

G.703/ 64K CO-directional Interface Converter

The G703/64A interface converter allows full conversion between G.703 64Kbps co-directional services and a number of Data Port Interfaces including 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 slide 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

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	9V input power AC adaptor for 110VAC or 220VAC
Environment	Temperature	0 — 50°C (Operating); 0 — 70°C (Storage)
	Humidity	0 — 90% non condensing
Power Consumption	10W	
LEDs	Signal Loss, Timing Loss, RD, SD, PWR, GRD, GSD	
Dimensions(WxDxH)	10mm x 175mm x 24mm	
Weight	400g	

Ordering Info

G703/64A	G.703/64K Interface converter: V.35/RS-530/ RS-449/ X.21 cable solution
G703/64A-232	G.703/64K converter: RS-232

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