

## G.703 E1(64Kbps) /V.35 Interface Converter



### Product Brief

This converter provides conversion between ITU-T G.703 E1(64Kbps) channel to V.35/V.24 interface. 64Kbps cycle could be divided into four interfaces by CO-Directional G.703 interface, and "0101" represents "0," "1100" represents "1". Two scare signals can be converted into three-level signal by alternate transform the polarity of adjacent code and by polarity alternate on every 8<sup>th</sup> breach code, then transmit 8KHZ timing signal. Co-directional G.703/V35 converter can transmit 64KHz and 8KHz timing signal ,64Kbits data signal on one transmission direction by one pair balance lines

### Features

- ✓ Provides two clock mode: G.703 master clock and G.703 line clock;
- ✓ Provides three loop-back function:G.703 local loop-back , V35 local loop-back , command remote V35 loop-back ;
- ✓ Provides PBRS test function and convenient for adjust and installation;
- ✓ Support 120Ω balance impedance

### Technical Specifications

#### Co-Directional 64K interface

- ✓ Interface standard: G.703
- ✓ rate 64Kbit/s±50ppm
- ✓ coding NRZ
- ✓ impedance 120Ω(balance)
- ✓ connector RJ45 120Ω
- ✓ jitter character compliant with G.742 and G.823
- ✓ clock mode inner or line clock
- ✓ transmit distance: Max 800m

#### V35 port

#### ANANDA Telecom Pvt. Ltd.

Registered office : E-36, Amar Colony, Lajpat Nagar- IV, New Delhi – 110024, INDIA  
 Phone : +91 11 41323626, +91 93 502 57173

E-mail : [Info@andatelecomindia.com](mailto:Info@andatelecomindia.com) URL : [www.andatelecomindia.com](http://www.andatelecomindia.com)

- ✓ Interface: compatible with V.35 standard.
- ✓ Connector: DB25 socket
- ✓ Connect mode: DCE
- ✓ Clock: G.703 recovery clock, internal clock, V.35 external clock.

### Dimension

- ✓ standalone 210mm L × 138mm W × 30mm H

### Power Supply

- ✓ DC-48V input voltage -36V~72V
- ✓ DC-24V input voltage -18V~36V
- ✓ AC110V input voltage AC110V±20%
- ✓ Power consumption ≤5W(standalone)

### 1.6 Operation environment

- ✓ Work temperature 0°C~50°C
- ✓ Storage temperature -40°C~+70°C
- ✓ Relative humidity 95 %
- ✓ No causticity and impregnate gas, no rising dust, no strong magnetic field disturbing

### 1.7 Package

- ✓ Converter standalone 1
- ✓ Q9 connector 2

### Applications:



### ANDA Telecom Pvt. Ltd.

Registered office : E-36, Amar Colony, Lajpat Nagar- IV, New Delhi – 110024, INDIA

Phone : +91 11 41323626, +91 93 502 57173

E-mail : [Info@andatelecomindia.com](mailto:Info@andatelecomindia.com)

URL : [www.andatelecomindia.com](http://www.andatelecomindia.com)