

AT-ME1-V.35

Framed E1-V.35 interface Converter

Overview

This interface converter provides one E1 interface and one V.35 interface to achieve framed E1 interface transferring to V.35 interface. The data channel rate is 2.048Mbps. The device has inter-set loop test function to facilitate the project launching and daily maintenance.

Product Photo



Mini Type

Features

- Based on self -copyright IC
- Have indicator when the device is power-off or E1 line is broken or lose signal;
- The local device can forced the remote device rate follow it(valid when framed)
- The hardware realizes any one of 31 time slot any time slot optional (valid when framed)
- Provide 2 impedances: 75 Ohm unbalance and 120 Ohm balance;
- After strict testing and practical verification system, completely comply with protocol ITU-T V.35, G.703, G.704
- Have three Loop Back Mode: E1 interface Loop Back (ANA)、 V.35 interface Loop

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- Back(DIG)、Command the remote V.35 interface Loop Back(REM)
- Have pseudo random code test function, easily line opened, can be used as a 2M BER Tester
- V.35 interface supports hot-plug, supports DTE or DCE device interconnection
- Provide 3 clock types: Internal clock, External clock, E1 line clock;
- AC 220V, DC-48V, DC+ 24V, DC Power and Polarity-Free

: Parameters

◆ E1 Interface

Interface Standard: comply with protocol G.703;
 Interface Rate: n*64Kbps±50ppm;
 Interface Code: HDB3;
 E1 Impedance: 75Ω (unbalance), 120Ω (balance);
 Jitter tolerance: In accord with protocol G.742 and G.823
 Allowed Attenuation: 0~6dBm

◆ V.35 interface

Interface rate: n*64Kbps
 Interface Standard: Compatible with V.35 Standard
 Connector: DB25
 Connect Mode: DCE
 Clock Type: G.703 restored clock, Internal clock

◆ Working environment

Working temperature: -10°C ~ 50°C
 Working Humidity: 5%~95 % (no condensation)
 Storage temperature: -40°C ~ 80°C
 Storage Humidity: 5%~95 % (no condensation)

: Specifications

Model	AT-ME1-V.35
Functional Description	framed E1-V.35 Converter, Can be a single use, V.35 rate N * 64K

Port Description	One E1 port, One V.35 interface
Power	Power supply: AC180V ~ 260V ; DC -48V ; DC + 24V Power consumption: ≤10W
Dimension	Product Size: 216X140X31mm (WDXH)
Weight	1.8KG/piece

: Application

