

FE1-V35+RS232 converter

AN-FE1-V35-232

Framed (Fractional) E1 converter to 2 serial interfaces - V.35 + 1 RS-232

DESCRIPTION

AN-FE1-V35-232 converter provides conversion from ITU-T G.703 framing E1 interface to V35 interface, and provide 1 RS232 data channel, provide safe and seamless connection between different device with different interface, option slot choice to compose $N \times 64k$ ($N=1-32$) V35 channel. suitable for the case of available part slot of E1 channel and the device to transfer having only V.35 output. interface is DCE, can connect with DTE or DCE.

RS232 can transmit asynchronous 0-19200 baud data, or transmit console data from router.

Configure console port of remote FE1-V35-232 device using auto loop through RS232 channel.

FEATURES

Realizes monitor of remote equipment from local equipment

Having two row of LEDs, upper row indicate local status, lower row indicate remote status

Console port, support HyperTerminal to control device.

Optional slot choice within 31 slots based on hardware.

Provide clock types: E1 master clock, E1 line clock, V.35 master clock, V.35 external clock

Provide 3 loop functions: E1 local loop, V.35 local loop, let remote V.35 loop.

Have pseudo random code test function, easy the installation and maintenance.

E1 can support rate $N \times 64k$ ($N=1-32$);

Provide 2 impedances: 75 Ohm unbalance and 120 Ohm balance

V.35 support hot plug, connect with DTE or DCE.

RS232 channel can transmit asynchronous 1-19200 baud self adapt serial data.

RS232 channel can also transmit console data from opposite device like router.

Configure console port of remote FE1-V35-232 device through RS232 channel.

Network manager interface for SNMP.

Two types: Standalone, desktop, 19inch; Card, usually be inserted in our rack 19 inch.

SPECIFICATIONS

E1 interface parameter

Channel capacity: 1 Channels

Interface Rate: $n \times 64Kbps$ to $n \times 32$

Bit Rate: $2.048 Mb/s \pm 50 ppm$

Line Code: HDB3

Line Impedance: 120 Ohm / 75 Ohm

Connector: RJ-45 or BNC

Pulse Shape: ITU-T G.703.
Jitter Performance: ITU-T G.823
Clocking: inter-clock, line-clock

V.35 interface

Interface Rate: 2.048Mbps+-50ppm.
Interface character: match V.35
Connector: DB25 male/female (optional).
Interface type: DCE.
Clock: G.703 resume clock, internal /external clock.

RS232 interface

Interface character: match RS232.
Interface Rate: 0 - 19.2Kbps
Connector: RJ-45.

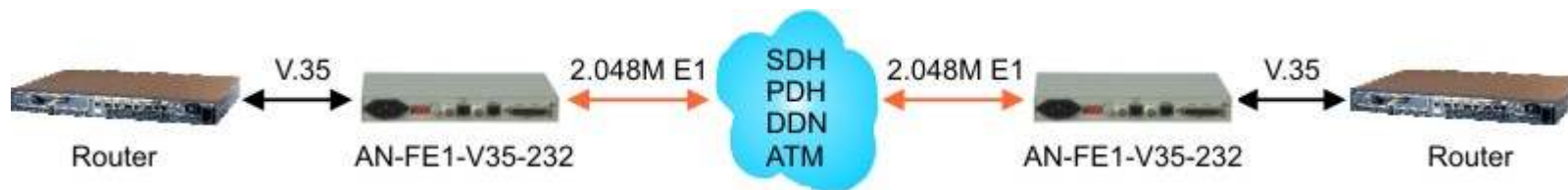
Power

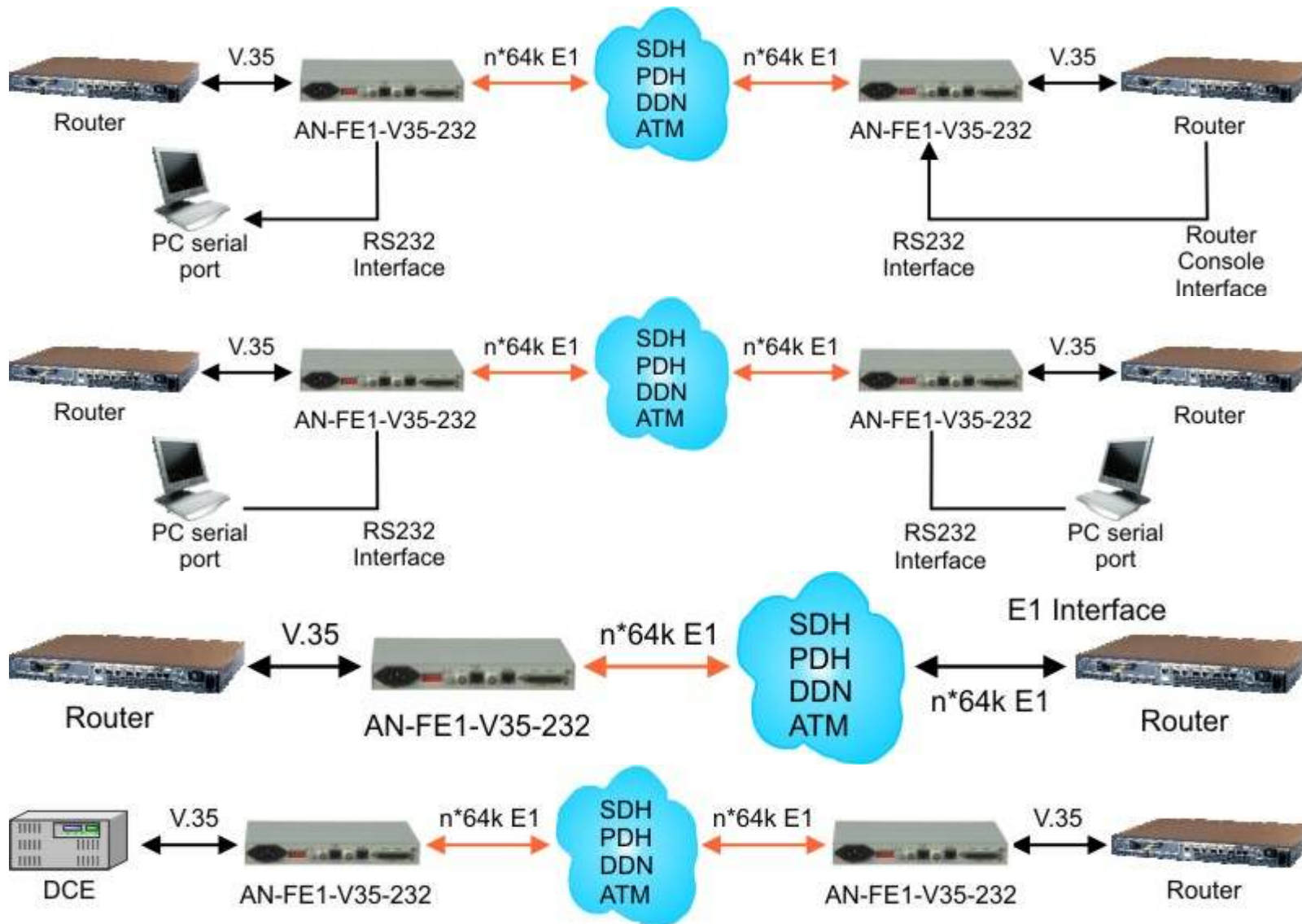
DC: -48V (-36 to -72V); +24 V (Optional)
AC: 90 to 260 VAC ; 47 ~ 63Hz
Power Interface: DC power terminal/AC socket
Power Consumption: 8 W maximum

Working environment

Operating temperature: 0 to 50°C
Storage temperature: -20 to +70°C
Relative humidity: 5% to 90% (25°C no condense)

Application scenarios:





ORDERING INFORMATION

AN-FE1-V35-232/AC FE1 to V35-232 interface converter, 75/120 ohm, 220V
AN-FE1-V35-232/DC/48 FE1 to V35-232 interface converter, 75/120, ohm DC-48V
AN-FE1-V35-232/DC/24 FE1 to V35-232 interface converter, 75/120 ohm , DC+24V

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