



Framed E1-V.35 Protocol Converter

OP-PC-E1-V.35



Shenzhen Optostar Optoelectronics Co., Ltd

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Overview

OP-PC-E1-V.35 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.

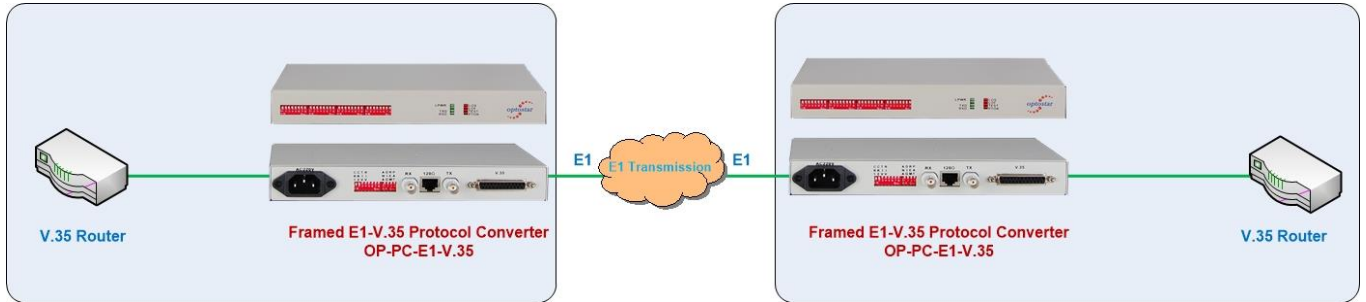
Product Features

- 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 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

Technical Parameter

OP-PC-E1-V.35 Framed E1-V.35 Protocol Converter	
Ethernet interface	
Interface rate	2048Kbps \pm 50ppm;
Interface Standard	comply with protocol G.703;
Interface Code:	HDB3;
Impedance	75 Ω (unbalance), 120 Ω (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
Dimension	
Product Size	216X140X31mm(WXDXH)
Simple packaging	274X193X84mm(WXDXH)
Piece Weight	1.25KG
Operation Environment	
Operating temperature	0°C~50°C
Storing temperature	-40°C~+70°C
Relative humidity	95 %
No causticity and solvent, dust free, and no strong magnetic interference.	
Power	
Voltage	AC180V ~ 260V; DC -48V; DC +24V
Consumption	\leq 10W
Warranty	2 Year Warranty, Life-time Maintenance

Application



Order Information

Model	Description
OP-PC-E1-V.35	Framed E1-V.35 Protocol Converter

Package include

No	Package List
1	Framed E1-V.35 Protocol Converter
2	User Guide
3	Warranty Card

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTOSTAR before they become applicable to any particular order or contract. In accordance with the OPTOSTAR policy of continuous improvement specifications may change without notice.

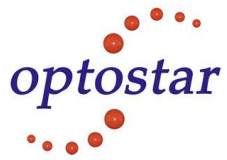
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