

# SME-232 RS-232 SYNC MODEM ELIMINATOR

ITU - V.24



## FEATURES / BENEFITS

- ✓ Interface - EIA RS-232, V.24 Female DB-25 Connectors
- ✓ Data Rates - Synchronous to 128Kbps
- ✓ FPGA design allows very low jitter at high end speeds
- ✓ Options for RTS/CTS delay, DSR, DTR on a per port basis
- ✓ Timing - Internal or accepts external timing from DTE for test purposes
- ✓ Status LED's for each port allows ease of connection and trouble shooting
- ✓ 110/220VAC switch selectable
- ✓ Sturdy Metal Enclosure

## DESCRIPTION

The SME-232 allows two RS-232 DTE devices to communicate within proximity of each other. The SME-232 transmits data bi-directionally at data rates up to 2.048Mbps between DTE devices. All clocking and signal crossover are provided within the SME-232. The unit is equipped with two DB-25 female connectors.

The SME-232 is an excellent choice for interconnecting your LAN or mainframe equipment. Substantial cost savings are derived by eliminating the need for leased line or dial line modems.

Installation is fast and simple by setting the internal switches for Clocking, Carrier Operation and RTS to CTS delay. The SME-232 has status LED's for each attached DTE device which allows the user to visually confirm the presence of control signals.

The SME-232 utilizes state of the art digital CMOS technology to provide a feature filled product at a very affordable price. Our Field Programmable Gate Array (FPGA) design has allowed us to offer this product with a wide selection of user Baud Rates. This design approach has also reduced the amount of clock jitter for high speed 128Kbps transmissions.

The SME-232 is housed in a sturdy metal enclosure and operates on 110/220VAC. Typical MTBF figures are in excess of 100,000 hours of operation.

The SME-232 has a three year warranty and a 24 hour turnaround on warranty repairs.

**EAST COAST DATACOM, INC.**

# SPECIFICATIONS

## Application

Interconnection of two RS-232 DTE (Terminal) devices located within proximity of each other

## Capacity

Two (2) RS-232 DTE's

## Interface

RS-232 using V.24 electrical specification

## Data Rates

Up to 128Kbps

## Channel Interface

Two Female DB-25 Connectors

## Surge Protection

Main power supply

## Power Source

100-120 to 200-220VAC @10%, 50/60Hz,  
0.16/0.08A, external 110/220 volt select switch,  
IEC Power Inlet, (2) 5mm Fuses

## Environmental

Operating Temperature....32° to 122°F (0° to 50° C)  
Relative Humidity.....5 to 95% Non-Condensing  
Altitude.....0 to 10,000 feet

## Dimensions

Height ..... 1.75 inches (4.44 cm)  
Width ..... 7.90 inches (20.07 cm)  
Length ..... 9.00 inches (22.86 cm)

## Weight

2 pounds (0.914Kg)

## Warranty

Three Years, Return To Factory

## Ordering Information

Model: SME-232

Description: Synchronous RS-232 Modem Eliminator

## INCLUDED WITH EACH UNIT:

- 1) Operations Manual
- 2) U.S.A. Grounded Power Cord, Part # 713015
- 3) Optional Power Cords
  - A) United Kingdom, Part # 713016
  - B) Continental Europe, Part # 713017
  - C) Other: Specify Country on Purchase Order

## OPTIONAL ACCESSORIES

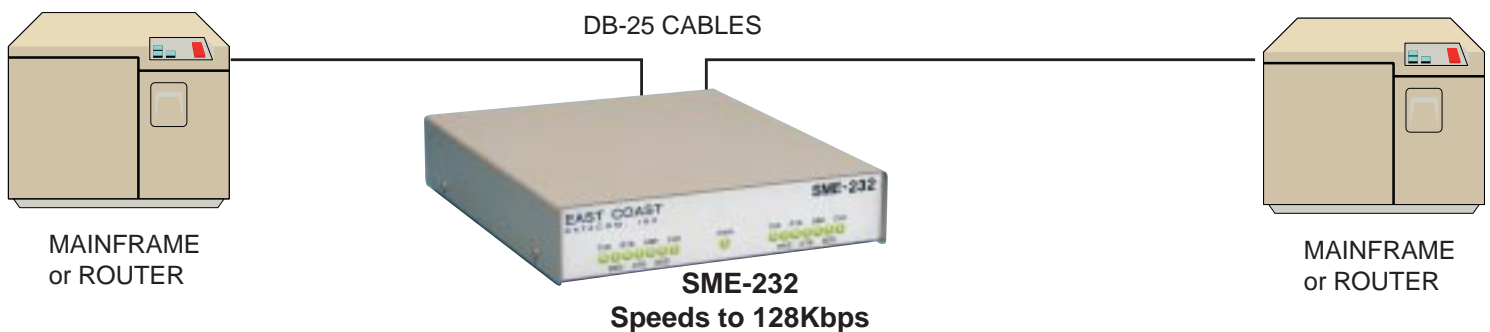
- 1) Spare Data Center Fuses
  - A) 160ma Fuse, Qty (2) Part # 714000
  - B) 80ma Fuse, Qty (2) Part # 714001

For further detailed technical information on this product, contact East Coast Datacom Technical Assistance toll free at (800) 240-7948

## OTHER EAST COAST DATACOM PRODUCTS

MODEM AND PORT SHARING DEVICES  
INTERFACE CONVERTERS  
SIGNAL REGENERATORS  
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EAST COAST DATACOM DESIGNS AND MANUFACTURES DATA COMMUNICATION EQUIPMENT FOR YOUR NETWORK REQUIREMENTS.



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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## EAST COAST DATACOM, INC.

245 Gus Hipp Boulevard, STE 3  
Rockledge, FL 32955-4812 U.S.A.

TEL: (321) 637-9922

WEB SITE: [www.ecdata.com](http://www.ecdata.com)

FAX: (321) 637-9980