SME-530
RS-530 SYNC MODEM ELIMINATOR

ITU - V.11

FEATURES / BENEFITS

√ **Interface - ITU V.11 RS-530 DB-25 Female Connectors**

√ **Data Rates - Synchronous to 2.048Mbps - Option for T2 (6.312Mbps)**

√ **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-530 allows two RS-530 DTE devices to communicate within proximity of each other. The SME-530 transmits data bi-directionally at data rates up to 2.048Mbps between DTE devices. All clocking and signal crossover are provided within the SME-530. The unit is equiped with two DB-25 female connectors.

The SME-530 is an excellent choice for interconnecting your LAN or mainframe equipment. Substantial cost savings are derived by eliminating the need for 56/64Kbps CSU's and T1 CSU's.

Installation is fast and simple by setting the internal switches for Clocking, Carrier Operation and RTS to CTS delay. The SME-530 has status LED's for each attached DTE device which allows the user to visually confirm the presence of control signals.

The SME-530 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 2.048Mbps transmissions.

The SME-530 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-530 has a three year warranty and a 24 hour turnaround on warranty repairs.

EAST COAST DATACOM, INC.

SPECIFICATIONS

Application
Interconnection of two RS-530 DTE (Terminal) devices located within proximity of each other

Capacity
Two (2) RS-530 DTE's

Interface
RS-530 using V.11 electrical specification

Data Rates
Up to 2.048Mbps
Option for T2 (6.312Mbit)

Channel Interface
Two Female DB-25-P 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-530
Description: Synchronous RS-530 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
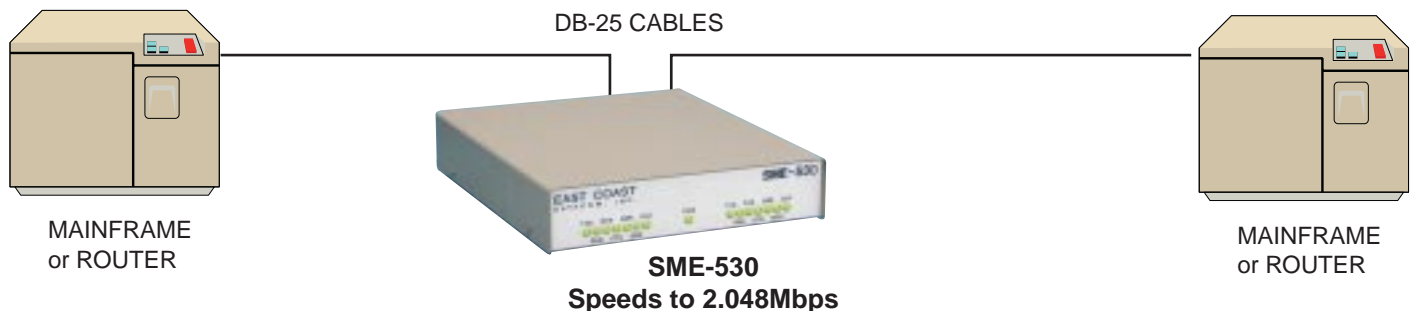   C) Other: Specify Country on Purchase Order

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

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

DB-25 CABLES

MAINFRAME
or ROUTER

SME-530
Speeds to 2.048Mbps

MAINFRAME
or ROUTER

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