The TTL-530 Interface Converter is designed to provide signal level conversion between TTL Clock and Data signal levels (as used in telemetry equipment) and RS-530 (V.11) DTE (Terminal) equipment.

The TTL-530 accepts TTL signal levels into the Input Ports via BNC connectors. The TTL signal levels are converted to ITU V.11 (Balanced) voltage levels and are then transmitted on the Output Port. The Output Port is a DB-25-P (Female) connector with RS-530 pin assignments. The TTL-530 is capable of data and clock transmission at rates up to 10Mbps. A second set of BNC connectors are provided for remote DTE loopback testing providing bi-directional transmission.

The TTL-530 has two separate TTL to RS-530 converters designed in the same chassis. The chassis is made of sturdy aluminum and is rackmountable at 1U (1.75 inches) high. The device is shipped with rackmount ears for standard 19 inch cabinets.

The TTL-530 operates on 115/230VAC switch selectable power. A voltage selection switch is located on the rear of the device. An IEC power connector is provided for power cord connection. A standard three pronge (grounded) continental US power cord is provided with the device.

The TTL-530 has a three year, return to factory warranty.
SPECIFICATIONS

Application
TTL to RS-530 (V.11) Interface and Signal Level Conversion

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

Capacity
Two (2) TTL independent Inputs and Two (2) RS-530 Output Ports

Dimensions
Height ...... 1.75 inches (4.44 cm)
Width ....... 17.00 inches (43.18 cm)
Length ...... 9.00 inches (22.86 cm)

Data Rates
Up to 10Mbps

Weight
4.5 pounds (2.1 Kg)

Data Format
Data transparent at all data rates

Warranty
Three Years, Return To Factory

Switches
Signal to Chassis GND option
Clock and Data Inverted Straps

ORDERING INFORMATION
Model: TTL-530
Description: TTL to RS-530 Converter

INCLUDED WITH EACH UNIT:
1) Installation Guide
2) Two (2) 10 foot DB-25 M/M Cables
3) Rackmount Kit

For further detailed technical information on this product, contact East Coast Datacom Technical assistance at (407) 637-9922

OTHER EAST COAST DATACOM PRODUCTS
MODEM AND PORT SHARING DEVICES
64K SYNC LINE DRIVER
SIGNAL REGENERATORS
DATA BROADCAST UNITS
ASYNC TO SYNC CONVERTER

TTL Physical Interface
Female BNC Connectors

RS-530 Physical Interface
Female DB-25 Connectors

Power Source
90-120 to 200-240VAC @10%, 50/60Hz, 0.32/0.16A, external 110/220 volt select switch, IEC Power Inlet, (2) 5mm Fuses

EAST COAST DATACOM DESIGNS AND MANUFACTURES DATA COMMUNICATION EQUIPMENT FOR YOUR NETWORK REQUIREMENTS.