

TTL-530 INTERFACE CONVERTER



FEATURES / BENEFITS

- ✓ Interface - TTL and RS-530, DB-25 Female and BNC Connectors
- ✓ Data Rates - Up to 10Mbps
- ✓ AC Powered, 110/220VAC
- ✓ 1U High Rackmount Chassis
- ✓ Passes Data, Clock and Ground
- ✓ Bi-Directional Transmission
- ✓ Two Converters on One Card
- ✓ Rackmount Aluminum Enclosure

DESCRIPTION

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 prong (grounded) continental US power cord is provided with the device.

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

EAST COAST DATACOM, INC.

SPECIFICATIONS

Application

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

Capacity

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

Interface

TTL (50 to 75ohm) and
RS-530 (ITU V.11)

Data Rates

Up to 10Mbps

Data Format

Data transparent at all data rates

Switches

Signal to Chassis GND option
Clock and Data Inverted Straps

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

Environmental

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

Dimensions

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

Weight

4.5 pounds (2.1 Kg)

Warranty

Three Years, Return To Factory

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
products, contact East Coast Datacom Technical
assistance at (407) 637-9922

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MODEM AND PORT SHARING DEVICES
64K SYNC LINE DRIVER
SIGNAL REGENERATORS
DATA BROADCAST UNITS
ASYNC TO SYNC CONVERTER

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

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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