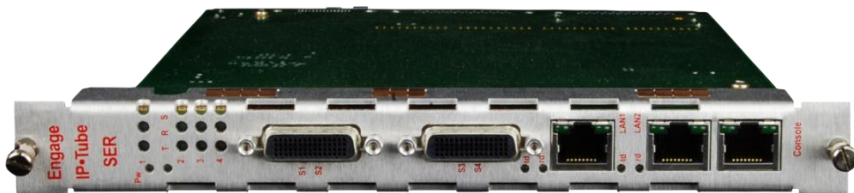


RS530 DB60 (Male) to DB25 (Male) Datasheet



Product Overview

The DB60 (Male) to DB25 (Male) RS-530 cable is engineered for reliable data transmission in high-speed networking and telecommunications applications. The cable facilitates connectivity between devices with DB60 and DB25 serial interfaces, specifically for the RS-530 protocol, which supports data rates up to 2 Mbps. RS-530 is commonly used for synchronous serial communication in environments where stability and reliability are critical. The Cable are commonly used in junction with the RS530 IP-Tube Slot Card where only a single Serial interface is used on the DB60 interface. This cable is meant to convert the DB60 interface into the very common DB25 interface that most customer provided equipment will connect with.



RS530 IP-Tube Slot Card with
1-2 serial Interfaces on DB60_1 and
3-4 Serial Interfaces on DB60_2



RS530 IP-Tube Slot Card with
1 or 2 serial interfaces on a
single DB60 interface



Engage Communication, Inc.
9565 Soquel Drive, Aptos, CA 95003 Suite 201 USA
831-688-1021
info@engageinc.com
www.engageinc.com

Specifications

- **Cable Length:** Available in standard lengths (e.g., 3 feet, 6 feet, 10 feet) and customizable upon request
- **Connector A:** DB60 Male
- **Connector B:** DB25 Male (configured for RS-530)
- **Cable Type:** Shielded twisted pair (STP) for noise immunity
- **Pin Configuration:** RS-530 standard pinout, supporting balanced and unbalanced signal lines
- **Conductor Material:** 24 AWG stranded copper, ensuring low resistance and high signal integrity
- **Jacket Material:** Durable PVC for flexibility and abrasion resistance
- **Operating Temperature:** -20°C to +80°C
- **Voltage Rating:** Up to 30V DC

Features

- **RS-530 Compliant Pinout:** Ensures compatibility with devices supporting RS-530 synchronous serial communication, with a balanced pinout for differential signaling
- **High EMI Resistance:** Shielded twisted pair design minimizes electromagnetic interference, crucial for high-speed data applications
- **Rugged and Durable:** Molded connectors with strain relief for added durability and secure connection points
- **Compatibility:** Ideal for routers, switches, and telecom equipment that require RS-530 connectivity
- **Standards Compliance:** Meets or exceeds RoHS and CE standards for safety and environmental compliance

Applications

- **Telecommunications:** Connects telecom equipment that supports RS-530, such as routers, CSU/DSUs, and multiplexers
- **Industrial and Military Equipment:** Often used in environments where rugged, reliable connections are essential
- **Data Centers:** Facilitates network connectivity in data centers where RS-530 devices are employed

Ordering Information

- **Part Number:** 091-5130-S1-XX (XX indicates the cable length in feet)
- **Available Lengths:** 3 feet, 6 feet, 10 feet, with custom lengths available upon request