

RS530 DB60 (Male) Y Cable to Dual DB25 (Male) Connectors

Datasheet



Product Overview

The DB60 (Male) Y Cable to Dual DB25 (Male) Splitter is designed to split RS530 data from a single DB60 connector into two DB25 connectors. This cable is typically used for high-speed data communication applications that require RS530 interface standards. The cable facilitates connectivity between devices with DB60 and DB25 serial interfaces, specifically for the RS-530 protocol. The Cable are commonly used in junction with the RS530 IP-Tube Slot Card where the DB60 Serial interface(s) need to split out into two DB25 interfaces. 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

Specifications

- **Cable Length:** Available in standard lengths (e.g., 3 feet, 6 feet, 10 feet) and customizable upon request
- **Connector A:** DB60 Male
- **Connector B1/B2: Dual DB25 Male (RS530 compatible)**
- **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 30VDC

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