

EVN530

RS-530 Data Cable

Status: Available

Updated: 2-18-2005 JEF

FUNCTIONAL NOTES:

12 1/2 Pairs 24 AWG Stranded Bare Copper, Polyethylene insulated, foil shielded and PVC jacketed, low capacitance data cable in accordance with UL Subject 13 requirements for NEC Article 725 PLCC Class 2 Cable for general purpose use. (Type CL2) and AWM 2448.

This is a cable designed for the RS-530 standard.

Note: Hood and pins are removable in necessary.

PRODUCT SPECIFICATIONS:

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|-----------------------------|---------------------------------------|
| Physical | |
| Connector One | DB25 |
| Connector Two | DB25 |
| Application | RS530 |
| Diameter | 0.430 Inch (1.09 cm.) |
| Wire Gauge | 24 Gauge (7x 32 AWG) Stranded |
| Supported Distance | Rated at 500 Ft. at 9600 baud (RS232) |
| Shielding | Foil (With drain wire) |
| Mutual Capacitance | 12 pF Ft. +/- 2 pF Ft. at 1 Khz |
| Impedance | 115 Ohms Nominal at 1 Mhz or above |
| Resistance | Less than 25 Ohms/1000 Ft. at 1 Khz |
| Jacket Material | PVC (Gray) |
| Jacket Thickness | .032 Inch |
| Conductor Material | Stranded Copper |
| Number of Conductors | 25 Conductors |
| Hood Assembly | Removable, Plastic |
| Near End Cross Talk | - 56DB Minimal at 772 Khz |
| Literature | |
| Schematic Available? | Yes |
| Agency Compliance | |
| N.E.C. Code | CL2 (AWM 2448) |
| N.E.C. Article | 725-38 PLCC CLASS 2 |