

EDN12H

Extended Distance Data Cable (EDDC)

Status: Available

Updated: 5-19-2004 JEF

FUNCTIONAL NOTES:

This is a cable designed for the RS232 standard. The cable is designed to allow RS232 cable runs to reach a maximum of 500 ft. at 9600 baud.

PRODUCT SPECIFICATIONS:

| Physical | |
|-----------------------------|--|
| Connector One | DB9 (SPECIFY GENDER WHEN ORDERING) |
| Connector Two | DB9 (SPECIFY GENDER WHEN ORDERING) |
| Application | RS232 |
| Diameter | 0.319 Inch (0.810) |
| 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 | 13 pF Ft. +/- 2 pF Ft. measured between conductors |
| Impedance | 100 Ohms at 1 Mhz |
| Resistance | Less than 25 Ohms/1000 Ft. at 20 Degrees Celsius |
| Temperature Range | -20C to +75C |
| Jacket Material | PVC (Gray) |
| Jacket Thickness | .032 Inch |
| Conductor Material | Stranded Copper |
| Number of Conductors | 12 |
| Hood Assembly | Metal |
| Near End Cross Talk | -56 DB Minimum 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 |