

# EMN25A

## Extended Distance Quiet Cable (EDQ) 25 Conductor

Status: Available

### FUNCTIONAL NOTES:

This cable was designed for high noise areas. The cable is normally installed with EMI/RFI protective hoods. The cable itself was designed to protect RS232 information from noisy environments.

### PACKAGE INCLUDES:

The cable should come with a specification sheet.

### PRODUCT SPECIFICATIONS:

<b>Physical</b>	
<b>Application</b>	RS232 Extended Distance Quiet Cable
<b>Diameter</b>	0.42 Inch (1.067 cm)
<b>Wire Gauge</b>	24 (7 x 32AWG)
<b>Supported Distance</b>	RS232 500 Ft. at 9600 baud
<b>Shielding</b>	100% Aluminum Foil; 85% Coverage Tinned Braided Copper
<b>Mutual Capacitance</b>	12 pF/Ft. BETWEEN WIRES
<b>Mutual Capacitance</b>	NOMINAL CAPACITANCE 22 PF/FT. BETWEEN WIRE AND SHIELD
<b>Impedance</b>	115 Ohms at 1 Mhz
<b>Resistance</b>	30 Ohms at 1000 Ft. at 20 Degrees Celsius
<b>Jacket Material</b>	PVC
<b>Jacket Thickness</b>	0.054 Inch
<b>Conductor Material</b>	Stranded Copper
<b>Number of Conductors</b>	25
<b>Near End Cross Talk</b>	- 56 DB Minimum at 772 KHz
<b>Marketing</b>	
<b>Special Product Cross Reference</b>	
<b>Literature</b>	
<b>Manual Available?</b>	
<b>Manual Date</b>	
<b>Manual Name</b>	
<b>Schematic Vendor Name</b>	
<b>Schematic Available?</b>	
<b>Schematic Non-Disclosure Required?</b>	
<b>Schematic Date</b>	
<b>Additional Schematic Requirements</b>	
<b>Literature Comments</b>	
<b>Agency Compliance</b>	
<b>N.E.C. Code</b>	CL2 (AWM 2448)
<b>N.E.C. Article</b>	725-38 PLCC CLASS 2