

# EVCRB85

## Cat5 350 Enhanced Cross Patch Cable-Gray

Status: Available

Updated: 10-25-2002

### FUNCTIONAL NOTES:

This is a stranded 4 pair, 350 MHz patch cable, it is UL listed and CSA approved. Pinned as 568B cross pinned. The cable offers greater performance in the areas of capacitance, frequency, resistance, attenuation, NEXT, and impedance. Cable is sequentially marked at 2 foot intervals.

Note: See misc. notes for NEXT and attenuation specs.

### PACKAGE INCLUDES:

Terminated Cable

### PRODUCT SPECIFICATIONS:

<b>Physical</b>	
<b>Connector One</b>	RJ45 Male with Molded Snagless Boot
<b>Connector Two</b>	RJ45 Male with Molded Snagless Boot
<b>Application</b>	High speed twisted pair applications, up to 350 MHz.
<b>Diameter</b>	0.220" (0.5588 ) cm
<b>Wire Gauge</b>	24 AWG Stranded Tinned Copper
<b>Supported Distance</b>	No recommended to introduce any more then 20 ft. into a 10BaseT segment.
<b>Shielding</b>	None
<b>Mutual Capacitance</b>	Nom. capacitance @ 1Khz: 14 pF/Ft.
<b>Mutual Capacitance</b>	Max. Capacitance Unbalance: 200 pF/1000Ft.
<b>Mutual Capacitance</b>	Nom. Capacitance Unbalance: 100 pF/1000Ft.
<b>Impedance</b>	100 Ohms +/- 5 %
<b>Resistance</b>	Nom. Conductor DC resistance @ 20C: 24.3 Ohms/1000 Ft/
<b>Resistance</b>	Max. DC Resistance unbalance: 3.0%
<b>Resistance</b>	Nom. DC resistance unbalance: 1.5%
<b>Resistance</b>	Max. Conductor DC resistance @ 20C: 27.4 Ohms/1000 Ft
<b>Jacket Material</b>	PVC ( polyvinyl chloride ) Gray colored
<b>Conductor Material</b>	24 AWG Stranded Tinned Copper
<b>Number of Conductors</b>	8 (4 pair)
<b>Near End Cross Talk</b>	(See misc. notes for all freq. tested)
<b>Bend Radius</b>	0.8" ( 2.032) cm
<b>Tensile Strength</b>	Max. Pulling tension : 25 Lbs.
<b>Literature</b>	
<b>Manual Available?</b>	No
<b>Agency Compliance</b>	
<b>N.E.C. Code</b>	UL 1581 vertical tray flame test, CSA FT1 flame test
<b>N.E.C. Code</b>	UL type CM, C(UL) CM, UL verified to category 5
<b>N.E.C. Code</b>	NEMA WC-63.1 CAT 5
<b>EIA/TIA</b>	568A
<b>CSA #</b>	FT1