



LINK Multi-Core cable, 8 cores Double Shield

### FEATURES AND BENEFITS

LINK Multi-cores single shield cable support internal wiring and design for installation requiring flexible conductor to fulfill measuring control and command application i.e. computer interconnect, control circuit, industrial equipment control, suitable for EIA RS-232 application.

### LINK Multi-Core cable in accordance with

UL2464, UL2576, UL2919, UL444, CSA and RoHS Compliant

### ORDER INFORMATION

Part Number	Description	Color	Length	Package
CB-0248A	Multi-Core Cable, 8 Core Double Shield, 24AWG	Gray	500 m.	Roll

### ELECTRICAL CHARACTERISTIC

Rating Temp. & Voltage	80°C 300V
Max. Conductor DC Resistance	89.1 Ohm/km @20°C
Min. Insulation Resistance	3 Mega Ohm/km @20°C
Dielectric Strength between pairs	DC 1.5 KV/Minute
Conductor Capacitance	91 pF/m
Characteristic Impedance	65 Ohm



**CABLE CONSTRUCTION**

<b>Conductor</b>	No. of conductor		8 core
	Size		24 AWG
	Cond. Material		Stranded Tinned Anneal Copper
	Stranded wire no./Diameter		7/0.20 ±0.01 mm
<b>Insulation</b>	Thickness		0.25 ±0.05 mm
	Diameter		1.10 ±0.05 mm
	Material		Lead Free FR-PVC
	Color		White ,Red ,Green ,Black ,Blue ,Brown ,Orange ,Yellow
<b>Shielded</b>	AL/P-Foil		0.025 mm
	Braid Wire	Material	Tinned Anneal Copper
		Wire no./Diameter	112/0.12 mm.
		Coverage	76%
	Drain Wire	Material	Stranded Tinned Anneal Copper
		Wire no./Diameter	7/0.20 mm
<b>Jacket</b>	Thickness		0.80 ±0.05 mm
	Overall Diameter(O.D.)		5.8 ±0.3 mm
	Material		Lead Free FR-PVC
	Color		Gray (RAL 7001)

**PHYSICAL PROPERTIES**

<b>Tensile Strength</b>	13.8 MPa ( ≈ 2002 PSI )
<b>Min. Bending Radius</b>	8 x O.D.
<b>Heat Shock Test</b>	121±1°C x 1 hr (No Crack)
<b>Cold Shock Test</b>	-20±1°C x 4hr (No Crack)
<b>Operating Temperature Range</b>	-10°C to +60°C

**-END OF SPECIFICATION-**

