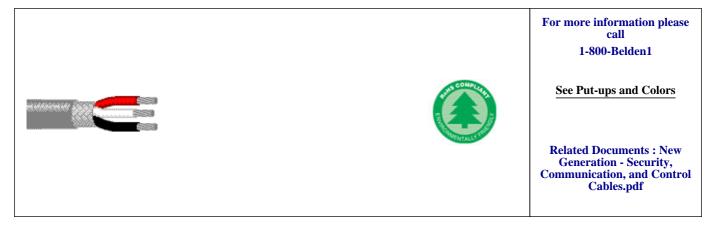
# Detailed Specifications & Technical Data



# 8735 Non-Paired - Audio, Control and Instrumentation Cable



### **Description:**

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, tinned copper braid shield (70% shield coverage), PVC jacket.

### PHYSICAL CHARACTERISTICS:

### **CONDUCTOR:**

Number of Conductors		3					
		-					
Total Number of Conductors		3					
AWG		22					
Stranding		7x30					
Conductor Material		TC - Tinned (	Copper				
INSULATION:							
Insulation Material		PVC - Polyvinyl Chloride					
Nom. Insulation Wall Thickness		.015 in.					
OVERALL CABLING:							
Overall Cabling Lay Length		3 in.					
Overall Cabling Twists/ft.		4					
Overall Cabling Color Code Chart :							
Number	Color		Number		Color		
1	Black		3		White		
2	Red						

### **OUTER SHIELD:**

Outer Shield Type	Braid
Outer Shield Material	TC - Tinned Copper
Outer Shield %Coverage	70 %
OUTER JACKET:	
Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.025 in.



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#### **OVERALL NOMINAL DIAMETER:** .202 in. **Overall Nominal Diameter MECHANICAL CHARACTERISTICS:** -20°C To +80°C **Operating Temperature Range** UL Temperature Rating 80°C (UL AWM Style 2095) 25.6 lbs/1000 ft. Bulk Cable Weight Max. Recommended Pulling Tension 57 lbs. Min. Bend Radius (Install) 2 in. APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE: **APPLICABLE STANDARDS:** NEC/(UL) Specification CMG CMG CEC/C(UL) Specification UL Style 2095 (300 V 80°C) **AWM Specification** EU CE Mark (Y/N) Yes EU RoHS Compliant (Y/N) Yes 04/01/2005 EU RoHS Compliance Date (mm/dd/yyyy): FLAME TEST: FT4 C(UL) Flame Test PLENUM/NON-PLENUM: Plenum (Y/N) Ν **ELECTRICAL CHARACTERISTICS:** Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz 60 pF/ft

Max. Capacitance Conductor to Conductor @ 1 KHz	34 pF/ft		
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft		
Nominal Outer Shield DC Resistance @ 20 Deg. C	8.12 Ohms/1000 ft		
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2095)		
Max. Recommended Current	2.9 Amps per conductor @ 25°C		

#### **PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
	3 #22 PVC SHLD PVC	1000	27	CHROME	C
	3 #22 PVC SHLD PVC	500	14	CHROME	С
8735 060U1000	3 #22 PVC SHLD PVC	U1000	27	CHROME	

C = CRATE REEL PUT-UP.



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