

**8741 Multi-Conductor - Audio, Control and Instrumentation Cable**



For more Information  
please call  
  
1-800-Belden1



**Description**

22 AWG solid tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

**Physical Characteristics (Overall):**

**Conductor:**

AWG

# Pairs	AWG	Stranding	Conductor Material
2.000	22	Solid	TC - Tinned Copper

**Insulation:**

Insulation Material

Ins Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.010

**Outer Shield:**

Outer Shield Material

Outer Shield Material
Unshielded

**Outer Jacket:**

Outer Jacket Material

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.032

**Overall Cabling:**

Overall Nominal Diameter: .230 in.

**Pair:**

Pair Color Code Chart

Number	Color
1	Black & Red
2	Black & White

**Mechanical Characteristics (Overall):**

Operating Temperature Range -20°C To +80°C

UL Temperature Rating 80°C (UL AWM Style 2576)

Bulk Cable Weight: 24 lbs/1000 ft.

Max. Recommended Pulling Tension: 30 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.500 in.

**Applicable Specifications and Agency Compliance (Overall):**

**Applicable Standards:**

NEC/(UL) Specification CMG, MPG

CEC/C(UL) Specification CMG

AWM Specification UL Style 2576 (150 V 80°C)

EU CE Mark (Y/N) Yes

EU RoHS Compliant (Y/N) Yes

EU RoHS Compliance Date (mm/dd/yyyy) 04/01/2005

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### Flame Test:

UL Flame Test	UL1685 FT4 Loading
C(UL) Flame Test	FT4

### Plenum/Non-Plenum:

Plenum (Y/N)	N
Plenum Number	88741 or 82741 (Stranded conductors)

### Electrical Characteristics (Overall):

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
30.000

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
16.500

Max. Operating Voltage - UL

Voltage
300 V RMS
150 V RMS (UL AWM Style 2576)

Max. Recommended Current

Current
2.24 Amps per conductor @ 20°C

### PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
8741 0601000	1,000 FT	27.000 LB	CHROME	C	2 #22 TW PR FRPVC CHR
8741 060U1000	1,000 FT	25.000 LB	CHROME		2 #22 TW PR FRPVC CHR
8741 060U500	500 FT	13.500 LB	CHROME		2 #22 TW PR FRPVC CHR

### Notes:

C = CRATE REEL PUT-UP.

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directive 93/68/EEC.