

**9794 Multi-Conductor - Audio, Control and Instrumentation Cable**

For more Information  
please call

1-800-Belden1

**Description:**

22 AWG solid bare copper conductors, conductors cabled, polyethylene insulation, PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
4	22	Solid	BC - Bare Copper

Total Number of Conductors: 4

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (mm)
PE - Polyethylene	0.4572

**Outer Shield****Outer Shield Material:**

Outer Shield Material
Unshielded

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.635

**Overall Cable****Overall Cabling Color Code Chart:**

Color
Green
Red
Yellow
Black

Overall Nominal Diameter: 5.080 mm

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-30°C To +60°C
UL Temperature Rating:	60°C (UL AWM Style 2094)
Bulk Cable Weight:	36.907 Kg/Km
Max. Recommended Pulling Tension:	137.894 N
Min. Bend Radius/Minor Axis:	50.800 mm

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CM, MP
AWM Specification:	UL Style 2094 (300 V 60°C)
EU CE Mark:	Yes

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EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire &amp; Cable): Yes

MIL Order #39 (China RoHS): Yes

**Flame Test**

UL Flame Test: UL1685 UL Loading

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)****Nom. Inductance:**

Inductance (µH/m)

0.72182

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)

52.496

**Nominal Velocity of Propagation:**

VP (%)

66

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)

52.496

**Max. Operating Voltage - UL:**

Voltage

300 V RMS

**Max. Recommended Current:**

Current

2.4 Amps per conductor @ 25°C

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9794 6061000	305 MT	11.793 KG	GRAY, ROSE	C	4 #22 FRPE PVC

**Notes:**

C = CRATE REEL PUT-UP.

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