

## 8794 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	Dia. (mm)
3	22	Solid	BC - Bare Copper	0.6604

Total Number of Conductors: 3

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

Insulation Material	Wall Thickness (mm)
PE - Polyethylene	0.457

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

Outer Shield Material
Unshielded

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

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.5588

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

Number	Color
1	Green
2	Red
3	Yellow

Overall Nominal Diameter: 4.521 mm

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-30°C To +60°C
UL Temperature Rating:	60°C (UL AWM Style 2093)
Bulk Cable Weight:	31.252 Kg/Km
Max. Recommended Pulling Tension:	102.309 N
Min. Bend Radius/Minor Axis:	50.800 mm

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

NEC/(UL) Specification:	CM
AWM Specification:	UL Style 2093 (300 V 60°C)
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes

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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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**Flame Test**

UL Flame Test:	UL1685 UL Loading
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**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
3 Amps per conductor @ 25°C

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8794 606U1000	305 MT	9.979 KG	GRAY, ROSE		3 #22 FRPE PVC
8794 6061000	305 MT	9.979 KG	GRAY, ROSE	C	3 #22 FRPE PVC

**Notes:**

C = CRATE REEL PUT-UP.

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