

## 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. (in.)
3	22	Solid	BC - Bare Copper	.026

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PE - Polyethylene	.018	.058

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.022

#### Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)
6.0

Overall Cabling Color Code Chart:

Number	Color
1	Green
2	Red
3	Yellow

Overall Nominal Diameter: 0.178 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +60°C
UL Temperature Rating:	60°C (UL AWM Style 2093)
Bulk Cable Weight:	19.600 lbs/1000 ft.
Max. Recommended Pulling Tension:	23 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.600 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
AWM Specification:	UL Style 2093 (300 V 60°C)

## 8794 Multi-Conductor - Audio, Control and Instrumentation Cable

EU CE Mark: Yes

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 & Cable): Yes

MII 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/ft)

.22

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

16

### Nominal Velocity of Propagation:

VP (%)

66

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16

### Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 2093)

### Max. Recommended Current:

Current

3 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8794 606U1000	1,000 FT	22.000 LB	GRAY, ROSE		3 #22 FRPE PVC
8794 6061000	1,000 FT	22.000 LB	GRAY, ROSE	C	3 #22 FRPE PVC

### Notes:

C = CRATE REEL PUT-UP.

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