

8794 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1



General 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 Directive 2011/65/EU (ROHS II):	Yes
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

METRIC MEASUREMENT VERSION

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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/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	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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