Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

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

Insulation

Insulation Material:

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

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.025

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)
6.0

Overall Cabling Color Code Chart:

Color
Green
Red
Yellow
Black

Overall Nominal Diameter:	0.200 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +60°C
UL Temperature Rating:	60°C (UL AWM Style 2094)
Bulk Cable Weight:	24.800 lbs/1000 ft.
Max. Recommended Pulling Tension:	31 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.900 in.

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
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 2094)

Max. Recommended Current:

Current
2.4 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
9794 6061000	1,000 FT	26.000 LB	GRAY, ROSE	C	4 #22 FRPE PVC

Notes:
C = CRATE REEL PUT-UP.

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