

9184 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1



Description:

22 AWG solid tinned copper conductors, Datalene® insulation, twisted pairs, Duofoil shield (100% coverage), 22 AWG stranded tinned copper drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
2	22	Solid	TC - Tinned Copper

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material
Datalene®	FPE - Foam Polyethylene

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	7x30	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 10.973 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & Yellow
2	Red & Blue

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	60°C (UL AWM Style 2668)
Bulk Cable Weight:	93.757 Kg/Km
Max. Recommended Pulling Tension:	177.928 N
Min. Bend Radius/Minor Axis:	114.300 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

METRIC MEASUREMENT VERSION

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NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
AWM Specification:	UL Style 2668 (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):	10/13/2005
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
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

150

Nom. Inductance:

Inductance (µH/m)

0.88587

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

46.2621

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

28.5447

Nominal Velocity of Propagation:

VP (%)

78

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

54.1365

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

26.248

Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 2668)

Max. Recommended Current:

Current

2.6 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9184 0101000	305 MT	32.659 KG	BLACK	C	2 PR #22 FHDPE SHLD PVC
9184 010500	152 MT	16.556 KG	BLACK	C	2 PR #22 FHDPE SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

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