



REPRESENTATIVE IMAGE

Product: [8441](#)

Audio, Control and Instrumentation Cable, 1 Pr #22 Str TC, 85% TC Braid, PVC Jkt, CMG

Product Description

Audio, Control & Instrumentation Cable, 1 Pair 22 AWG (7 x 30) Tinned Copper, PVC insulation, 85% Tinned Copper Braid Shield, PVC Jacket, CMG

Technical Specifications

Product Overview

Suitable Applications:	Audio/Speaker, Control & Instrumentation
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	22	7x30	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.016 in	Black & Red

Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type	Notes
Braid	Tinned Copper (TC)	85%	22 AWG (19x34) TC	Polyester tape under braid

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.025 in	0.194 in

Cable Diameter (Nominal):	0.194 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedance	Max. Current
Pair(s)	16.3 Ohm/1000ft	49 pF/ft	86 pF/ft	45 Ohm	2.9 Amps per conductor @ 25°C

Nom Outer Shield DCR:	5 Ohm/1000ft
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Voltage

UL Voltage Rating
300 V (CMG, UL AWM 2095)

Mechanical Characteristics

Temperature

UL Rating	Operating
80°C (UL AWM 2095)	-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.

2 in	1.9 in
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Max. Pull Tension:	57 lbs
Bulk Cable Weight:	25 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Fire Resistance:	UL1685 (FT4 Loading), FT4, 1202, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	2095
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.321 Revision Date: 03-03-2021
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