



Part Number: 9421

Audio, Control and Instrumentation Cable

Product Description

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	8
Total Number of Conductors:			8

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

Color Chart 1:

Color
Black
White
Red
Green
Brown
Blue
Orange
Yellow

Outersheild 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.229 mm	0.032 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
15.6 Ohm/km

Capacitance:

Nom. Capacitance Conductor to Conductor
34 pF/m

Current:

Max. Recommended Current [A]
2.1 Amps per conductor @ 25°C

Inductance:

Nominal Inductance
0.17 µH/m

Voltage:

UL Description	UL Voltage Rating
CMG	300V RMS
UL AWM Style 2576	150V RMS

Use

Max Recommended Pulling Tension:	71 lbs
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Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

Temperature Range

Operating Temp Range:	-20°C To +80°C
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UL Temp Rating:	80°C (UL AWM Style 2576)
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.5 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMG
CSA AWM Specification:	FT4
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	CMG
UL AWM Style:	UL Style 2576 (150V 80°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

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