



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	7×30	TC - Tinned Copper	8

Total Number of Conductors:	8
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Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

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Outershield 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 Co	nductor DCR
15.6 Ohm/ki	n

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
смб	300V RMS
UL AWM Style 2576	150V RMS

Use

Max Recommended Pulling Tension:	71 lbs

Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

Temperature Range

Operating Temp Range: -20°C To +80°C

UL Temp Rating:	80°C (UL AWM Style 2576)

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.5 in

Part Number

Plenum (Y/N):	No

Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	смб
CSA AWM Specification:	FT4
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	смс
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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