



Part Number: 9751

Audio, Control and Instrumentation Cable

Product Description

20 AWG stranded (7x28) tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
20	7x28	TC - Tinned Copper	6
Total Number of Conductors:			12

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

Color Chart 1:

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.366 mm	0.035 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
10 Ohm/km

Capacitance:

Nom. Capacitance Conductor to Conductor
24.5 pF/m

Current:

Max. Recommended Current [A]
2.6 Amps per conductor @ 20°C

Voltage:

UL Voltage Rating
300V RMS

Use

Max Recommended Pulling Tension:	168 lbs
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Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

Temperature Range

Non-UL Temp Rating:	80°C (UL AWM Style 2464)
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	3.75 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
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	CMG
UL AWM Style:	UL Style 2464 (300V 80°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

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