



Part Number: 9752

Audio/Control/Instrumentation, (9 pr) 20 AWG (7x28) TC, PVC/PVC, CMG

Product Description

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

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
20	7x28	TC - Tinned Copper	9

Conductor Count:	18
Total Number of Pairs:	9
Conductor Size:	20 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

Color Chart

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

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.429 in	0.035 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
10 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
24.5 pF/ft

Shielding:	Unshielded
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Current

Max. Recommended Current [A]

1.9 Amps per conductor @ 20°C

Voltage

UL Voltage Rating

300V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	116 lbs/1000ft
Max Recommended Pulling Tension:	252 lbs
Min Bend Radius/Minor Axis:	4.5 in

Standards

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2464 (300 V 80°C)
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
UL Voltage Rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
9752 060100	CHROME	C
9752 0601000	CHROME	C
9752 060500	CHROME	C

Footnote: C - CRATE REEL PUT-UP.

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