



Part Number: 9458

Audio, Control and Instrumentation Cable

Product Description

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

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
20	7x28	TC - Tinned Copper	15
Total Number of Conductors:			15

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

Color Chart 1:

Number	Color
1	Blue w/White Stripe
2	Green w/White Stripe
3	Red w/White Stripe
4	Black w/White Stripe
5	Blue w/Black Stripe
6	Orange w/Black Stripe
7	Green w/Black Stripe
8	Red w/Black Stripe
9	White w/Black Stripe
10	Blue
11	Orange (around Green)
12	Green
13	Red
14	White
15	Black

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.389 mm	0.04 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
10.7 Ohm/km

Capacitance:

Nom. Capacitance Conductor to Conductor
27 pF/m

Current:

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

Voltage:

UL Voltage Rating

300V RMS

Use

Max Recommended Pulling Tension:	185 lbs
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Safety

CSA Flammability:	FT4
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UL Flammability:	UL1685 FT4 Loading
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Temperature Range

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

Min Bend Radius/Minor Axis:	4 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
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CEC/C(UL) Specification:	CMG
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MII Order #39 (China RoHS):	Yes
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NEC/(UL) Specification:	CMG
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UL AWM Style:	UL Style 2464 (300V 80°C)
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EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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EU CE Mark:	Yes
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History

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