



**Part Number:** 9457

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	12
<b>Total Number of Conductors:</b>			12

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

#### Color Chart 1:

Number	Color
1	White
2	Red
3	Green
4	Brown
5	Blue
6	Orange
7	Yellow
8	Purple
9	Gray
10	Pink
11	Tan (around Black)
12	Black

#### Outersheild 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.338 mm	0.035 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 (UL AWM Style 2464)

## Use

Max Recommended Pulling Tension:	148 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:	3.5 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
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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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