



**Part Number:** 9747

Audio, Control and Instrumentation Cable

## Product Description

22 AWG stranded (7x30) tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	12
Total Number of Conductors:			24

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

#### Color Chart 1:

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
10	Red & Blue
11	Red & Yellow
12	Red & Brown

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.425 in	0.04 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
14.7 Ohm/1000ft

#### Capacitance:

Nom. Capacitance Conductor to Conductor
25.5 pF/ft

#### Current:

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

#### Voltage:

UL Description	UL Voltage Rating
UL AWM Style 2576	150V RMS
CMG	300 V RMS

Use

Max Recommended Pulling Tension:	109 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 2576)
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	4.25 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 2576 (150V 80°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

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