



Part Number: 9433

Audio, Control and Instrumentation Cable

Product Description

22 AWG stranded (7x30) tinned copper conductors (7x30), tinned copper, conductors cabled, PVC insulated, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	40
Total Number of Conductors:			40

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

Color Chart 1:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White
13	Red/White
14	Green/White
15	Blue/White
16	Black/Red
17	White/Red
18	Orange/Red
19	Blue/Red
20	Red/Green
21	Orange/Green
22	Black/White/Red
23	White/Black/Red
24	Red/Black/White
25	Green/Black/White
26	Orange/Black/White
27	Blue/Black/White
28	Black/Red/Green
29	White/Red/Green
30	Red/Black/Green
31	Green/Black/Orange
32	Orange/Black/Green
33	Blue/White/Orange
34	Black/White/Orange
35	White/Red/Orange
36	Orange/White/Blue
37	White/Red/Blue
38	Black/White/Green
39	White/Black/Green
40	Red/White/Green

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.455 mm	0.04 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
15.6 Ohm/km

Capacitance:

Nom. Capacitance Conductor to Conductor
34 pF/m

Current:

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

Inductance:

Nominal Inductance
0.17 µH/m

Voltage:

UL Voltage Rating
300V RMS (CMG)
150V RMS (UL AWM Style 2576)

Use

Max Recommended Pulling Tension:	354 lbs
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Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

Temperature Range

Operating Temp Range:	-20°C To +80°C
UL Temp Rating:	80°C (UL AWM Style 2576)

Mechanical Characteristics

Min Bend Radius/Minor Axis:	4.75 in
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Part Number

Plenum (Y/N):	No
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Standards

CEC/C(UL) Specification:	CMG
NEC/(UL) Specification:	CMG
UL AWM Style:	UL Style 2576 (150V 80°C)
EU Directive Compliance:	EU Directive 2011/65/EU (ROHS II)

History

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