Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9433 Multi-Conductor - Audio, Control and Instrumentation Cable

For more Information please call

1-800-Belden1

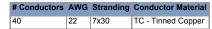
General Description:

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

Physical Characteristics (Overall)

Conductor

AWG:



Total Number of Conductors:

40

Insulation

Insulation Material:



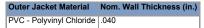
Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:



Overall Cable

Overall Cabling Color Code Chart:

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			

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35	White/Red/Orange
36	Orange/White/Blue
37	White/Red/Blue
38	Black/White/Green
39	White/Black/Green
40	Red/White/Green

Overall Nominal Diameter:

Machanical Characteristics (Overall)

0.455 in.

ivie	chanical Characteristics (Overall)						
	Operating Temperature Range:	-20°C To +80°C					
	UL Temperature Rating:	80°C (UL AWM Style 2576)					
	Bulk Cable Weight:	151 lbs/1000 ft.					
	Max. Recommended Pulling Tension:	354 lbs.					

Min. Bend Radius/Minor Axis: 4.750 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG CEC/C(UL) Specification: CMG

UL Style 2576 (150 V 80°C) AWM Specification:

EU Directive 2011/65/EU (ROHS II): Yes

Flame Test

UL Flame Test: UL1685 FT4 Loading

CSA Flame Test: FT4

Plenum/Non-Plenum Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 15.6

Max. Operating Voltage - UL:

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

Max. Recommended Current:

1.2 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9433 060100	100 FT	16.600 LB	CHROME	С	40 #22 PVC PVC
9433 0601000	1,000 FT	159.000 LB	CHROME	С	40 #22 PVC PVC
9433 0603000	3,000 FT	513.000 LB	CHROME	С	40 #22 PVC PVC
9433 060500	500 FT	83.000 LB	CHROME	С	40 #22 PVC PVC
9433 0605000	5,000 FT	815.000 LB	CHROME	CZ	40 #22 PVC PVC

Notes:

Z = FINAL PUT-UP.
Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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9433 Multi-Conductor - Audio, Control and Instrumentation Cable

Revision Number: 2 Revision Date: 08-31-2012

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