Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9433 Multi-Conductor - Audio, Control and Instrumentation Cable

For more Information please call

1-800-Belden1



Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
40	22	7x30	TC - Tinned Copper

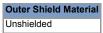
Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)		
PVC - Polyvinyl Chloride	0.254		

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)		
PVC - Polyvinyl Chloride	1.016		

Overall Cabling

Overall Cabling Lay Length & Direction:

Length (mm) 147.31942

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	

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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	

Overall Nominal Diameter: 11.557 mm

Mechanical	Characteristics ((Overall)
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Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2576)
Bulk Cable Weight:	222.188 Kg/Km
Max. Recommended Pulling Tension:	1574.660 N
Min. Bend Radius (Install)/Minor Axis:	116.840 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2576 (150 V 80°C)

Flame Test

UL Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m) 0.55777

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 111.554

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 51.1836

Max. Operating Voltage - UL:

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

Max. Recommended Current:

Current 1.2 Amps per conductor @ 25°C

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Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9433 060100	30 MT	7.530 KG	CHROME	С	40#22 PVC PVC
9433 0601000	305 MT	72.122 KG	CHROME	С	40#22 PVC PVC
9433 060500	152 MT	37.648 KG	CHROME	С	40#22 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 09-18-2008

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