Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9432 Multi-Conductor - Audio, Control and Instrumentation Cable

For more Information please call

1-800-Belden1



Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
30	22	7x30	TC - Tinned Copper

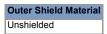
Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)		
PVC - Polyvinyl Chloride	.040		

Overall Cable

Overall Cabling Lay Length & Direction:



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

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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		

Overall Nominal Diameter: 0.400 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C	
UL Temperature Rating:	80°C (UL AWM Style 2576)	
Bulk Cable Weight:	114.600 lbs/1000 ft.	
Max. Recommended Pulling Tension:	270 lbs.	
Min. Bend Radius (Install)/Minor Axis:	4 in.	

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)
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
ame Test	

Flame Test

UL Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft) .17

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
34

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 15.6

Max. Operating Voltage - UL:

Voltage 300 V RMS (CMG)

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150 V RMS (UL AWM Style 2576)

Max. Recommended Current:

Current

1.5 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9432 060100	100 FT	12.500 LB	CHROME		30#22 PVC PVC
9432 0601000	1,000 FT	124.000 LB	CHROME	С	30#22 PVC PVC
9432 060500	500 FT	62.500 LB	CHROME	С	30#22 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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