



Part Number: 9432

Audio, Control and Instrumentation Cable

Product Description

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

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	30
Total Number of Conductors:			30

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

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.4 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]

1.5 Amps per conductor @ 25°C

Inductance:

Nominal Inductance

0.17 μ H/m

Voltage:

UL Voltage Rating

300V RMS (CMG)

150V RMS (UL AWM Style 2576)

Use

Max Recommended Pulling Tension:	270 lbs
----------------------------------	---------

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 in
-----------------------------	------

Part Number

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

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

© 2016 Belden, Inc

All Rights Reserved

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.