Part Number: 8623

Audio/Control/Instrumentation, (15) 16 AWG (19x29) TC, PVC/PVC

Product Description

Fifteen 16 AWG stranded (19x29) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
16	19x29	TC - Tinned Copper	15

Total Number of Conductors:	15

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.031 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

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.694 in	0.06 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
4.4 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor
19.5 pF/ft

Current:

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

Voltage:

Non-UL Voltage Rating
600 V RMS

Use

Max Recommended Pulling Tension:	456 lbs

Safety

Other Flammability:	VW-1, FT1

Temperature Range

Operating Temp Range:	-20°C To +80°C
UL Temp Rating:	80°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	7 in

Part Number

Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

History

Product Variants

Part Number	Color	Put-Up Type	Length
8623 0601000	CHROME	Reel	1000 ft
8623 060100	CHROME	Reel	100 ft
8623 0602000	CHROME	Reel	2000 ft
8623 0605000	CHROME	Reel	5000 ft
8623 060500	CHROME	Reel	500 ft

© 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.