



Product: [8422](#)

Microphone Cable, 2 C #22 Str TC, 85% TC Braid, Cotton Braid, PVC Jkt

Product Description

Microphone Cable, 2 Conductor 22 AWG (16 x 34) Tinned Copper (High conductivity), PE Insulation, 85% Tinned Copper Braid Shield, Cotton Braid, PVC Jacket

Technical Specifications

Product Overview

Suitable Applications:	Low frequency microphone or musical instruments; Balanced analog audio; Low Noise for high-EMI environments
------------------------	---

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	22 AWG	16x34	TC - Tinned Copper (High Conductivity)

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene	0.021 in (0.53 mm)	0.072 in (1.8 mm)	Clear, Black

Outer Shield

Shield Type	Material	Coverage
Braid	Cotton	85%
Braid	Tinned Copper (TC)	85%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.029 in (0.74 mm)	0.231 in (5.87 mm)

Overall Cable Diameter (Nominal):	0.231 in (5.87 mm)
-----------------------------------	--------------------

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Conductor(s)	15.9 Ohm/1000ft	18 pF/ft (59 pF/m)	32 pF/ft (100 pF/m)	90 Ohm	2.9 Amps per conductor @ 25°C

Voltage

Voltage Rating
1000 V

Mechanical Characteristics

Temperature

Operating
-40°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
-----------------	-------------------

2.3 in (58 mm)	2.3 in (58 mm)
Max. Pull Tension:	93 lbs (42 kg)
Bulk Cable Weight:	30 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	DOS#: 16120-880912-2018
--------	-------------------------

History

Update and Revision:	Revision Number: 0.503 Revision Date: 02-03-2025
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8422 060500	Chrome	Reel	500 ft	612825206521	C
8422 0601000	Chrome	Reel	1,000 ft	612825206545	C
8422 060U1000	Chrome	UnReel	1,000 ft	612825206552	

© 2025 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.