

Product: [8403](#) 

Microphone Cable, 3 C #20 Str TC, Rayon & 90% TC Braid, PVC Jkt



REPRESENTATIVE IMAGE

Product Description

Microphone Cable, 3 Conductor 20 AWG (19 x 32) Tinned Copper (High conductivity), PE Insulation, Rayon Braid, 90% Tinned Copper Braid Shield, PVC Jacket

Technical Specifications

Product Overview

Suitable Applications:	Low frequency microphone or musical instruments; Balanced analog audio
------------------------	--

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	20 AWG	19x32	TC - Tinned Copper (High Conductivity)

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene	0.016 in (0.41 mm)	0.069 in (1.8 mm)	Clear, Black, Red

Outer Shield

Shield Type	Material	Coverage
Braid	Rayon®	90%
Braid	Tinned Copper (TC)	90%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.244 in (6.20 mm)

Overall Cable Diameter (Nominal):	0.244 in (6.20 mm)
-----------------------------------	--------------------

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	10.2 Ohm/1000ft (33.5 Ohm/km)	25 pF/ft (82 pF/m)	45 pF/ft (150 pF/m)	3.1 Amps per conductor @ 25°C

Voltage

Voltage Rating
600 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.

2.9 in (74 mm)	2.9 in (74 mm)
----------------	----------------

Max. Pull Tension:	111 lbs (50.3 kg)
--------------------	-------------------

Bulk Cable Weight:	41 lbs/1000ft (61 kg/km)
--------------------	--------------------------

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
----------------------------	--------------------------------------

Flammability / Reaction to Fire:	VW-1
----------------------------------	------

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)
------------------	---------------------------------

History

Update and Revision:	Revision Number: 0.365 Revision Date: 04-08-2022
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8403 060500	Chrome	Reel	500 ft	612825206170
8403 0601000	Chrome	Reel	1,000 ft	612825206156

© 2022 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.