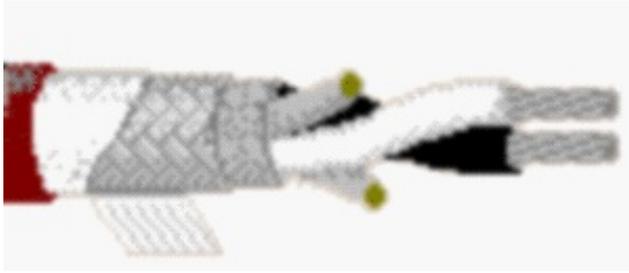


**Part Number:** 8402

Microphone Cable, #20-2c, TC, O/A Braid, CM



## Product Description

20 AWG stranded (26x34) high-conductivity TC conductors, EPDM rubber insulation, rayon braid, TC braid shield (85% coverage), cotton wrap, CSPE - Chlorosulphonated Polyethylene jacket.

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
20	26x34	High Conductivity TC - Tinned Copper	0.083 in	2
<b>Total Number of Conductors:</b>				2

#### Insulation:

Material	Nominal Diameter
EPDM - Ethylene Propylene Diene Monomer Rubber	0.083 in

#### Color Chart 1:

Number	Color
1	White
2	Black

#### Innershield:

Material
Cotton Wrap

#### Outershield 1:

Type	Layer	Material	Coverage [%]
Braid	1	Rayon	
Braid	2	TC - Tinned Copper	85 %
Cotton Wrap in			

### Outerjacket 1:

Material	Nominal Diameter
CSPE - Chlorosulphonated Polyethylene	0.263 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
10.2 Ohm/1000ft	3 Ohm/1000ft

### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
30 pF/ft	55 pF/ft

### Impedance:

Nominal Characteristic Impedance
52 Ohm

### Current:

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

### Inductance:

Nominal Inductance
0.18 $\mu$ H/ft

### Voltage:

Non-UL Voltage Rating
600V RMS

## Use

Max Recommended Pulling Tension:	98 lbs
----------------------------------	--------

## Safety

UL Flammability:	VW-1
------------------	------

## Temperature Range

Non-UL Temp Rating:	60°C °C
Operating Temp Range:	-20°C To +60°C °C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.63 in
-----------------------------	---------

## Part Number

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

## Standards

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

## Product Variants

Part Number	Color	Put-Up Type	Length
8402	BROWN	Reel	500 ft
8402	BROWN	Reel	152 m
8402 001500	BROWN	Reel	500 ft
8402	BROWN	UnReel	1000 ft
8402	BROWN	UnReel	305 m
8402 001U1000	BROWN	UnReel	1000 ft
8402			

© 2017 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.