



Product: [9395](#)

Microphone Cable, 1 Conductor 18 AWG, TC

Product Description

18 AWG stranded (41x34) high-conductivity TC conductor, EPDM rubber insulation, conductive textile (100%) plus TC spiral shields (70% coverage), paper tape, CPE jacket.

Technical Specifications

Product Overview

Suitable Applications:	Microphone, Musical Instrument
------------------------	--------------------------------

Construction Details

Conductor

No. of Elements	Size	Stranding	Nom. Diameter	Material
1	18 AWG	41x34	0.047 in	TC - Tinned Copper (High Conductivity)

Insulation

Material	Nom. Insulation Diameter	Color Code
EPDM - Ethylene Propylene Diene Monomer	0.137 in (3.48 mm)	White

Outer Shield

Layer	Outer Shield Type	Material	Coverage
1	Spiral Serve / Screen	Textile (Conductive)	100%
2	Spiral Serve / Screen	Tinned Copper (TC)	70%
3	Tape		100%

Outer Jacket

Material	Nom. Diameter
Neoprene	0.235 in (5.97 mm)

Overall Cable Diameter (Nominal):	0.235 in (5.97 mm)
-----------------------------------	--------------------

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
6.5 Ohm/1000ft (21 Ohm/km)	11.3 Ohm/1000ft (37.1 Ohm/km)	55 pF/ft (180 pF/m)	35 Ohm	62%	6 Amps per Conductor at 25°C

Voltage

Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-30°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
2.5 in (64 mm)	2.5 in (64 mm)

Max. Pull Tension:	60 lbs (27 kg)
Bulk Cable Weight:	34 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	[delete]
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:	(1) # Elements@Conductor1 - Entered 1 (Previous Stibo data - Blank) (2) Insulation Color 1 - Entered White (Previous Stibo data - Blank) (3) Cable Diameter (Nominal) - Entered 0.235 in (Previous Stibo data - Blank) (4) Bulk Cable Weight - Entered 34 lbs/1000 ft (Stibo data - 35 lbs/1000 ft)
--------	---

History

Update and Revision:	Revision Number: 0.480 Revision Date: 04-29-2024
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9395 0101000	Black	Reel	1,000 ft	612825358633	C

© 2024 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[9395 0101000](#)