



**Product:** [8719](#)

Electronic, 2 C #16 Str TC, PE Ins, OS, PVC Jkt, CM

[Request Sample](#)

## Product Description

Electronic, 2 Conductor 16AWG (19x29) Tinned Copper, PE Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

## Technical Specifications

### Product Overview

Suitable Applications:	up to 600V analog signals ; up to 600V digital control ; line level audio; voice communications; panel wiring
------------------------	---

### Construction Details

#### Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	16 AWG	19x29	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Thickness	Color Code
Pair(s)	PE - Polyethylene	0.032 in (0.81 mm)	Black & Clear

#### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (16x30) TC

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.313 in (7.95 mm)

Overall Cable Diameter (Nominal):	0.313 in (7.95 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)	4.5 Ohm/1000ft (15 Ohm/km)	23 pF/ft (75 pF/m)	44 pF/ft (140 pF/m)	65 Ohm	7 Amps per Conductor at 25°C

#### Voltage

UL Voltage Rating
300 V (CM), 600 V (UL AWM 20253)

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
80°C (UL AWM 20253)	-20°C to +80°C

#### Bend Radius

Stationary Min.	Installation Min.
3.1 in (79 mm)	3.1 in (79 mm)

Max. Pull Tension:	102 lbs (46.3 kg)
Bulk Cable Weight:	44 lbs/1000ft (65 kg/km)

## Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 UL Loading, FT1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, Article 800, CM;CL2
AWM Compliance:	AMW 20253
CEC / C(UL) Compliance:	CM
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: 0.375 Revision Date: 12-15-2021
----------------------	--

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC/EAN
8719.00U152	Chrome	UnReel	152 m	8719605018397
8719.01152	Chrome	Reel	152 m	8719605018403
8719.01305	Chrome	Reel	305 m	8719605018427
8719 060500	Chrome	Reel	500 ft	612825214281
8719 060U500	Chrome	UnReel	500 ft	612825214243
8719.01610	Chrome	Reel	610 m	8719605018441
8719 0601000	Chrome	Reel	1,000 ft	612825214250
8719 060U1000	Chrome	UnReel	1,000 ft	612825214236
8719.011525	Chrome	Reel	1,525 m	8719605018410
8719 0602000	Chrome	Reel	2,000 ft	612825214274
8719.013050	Chrome	Reel	3,050 m	8719605018434
8719 0605000	Chrome	Reel	5,000 ft	612825214298
8719 06010000	Chrome	Reel	10,000 ft	612825214267

© 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.