



REPRESENTATIVE IMAGE

**Product:** [8619](#)

Electronic, 19 C #18 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

## Product Description

Electronic, 19 Conductor 18AWG (19x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

## Technical Specifications

### Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); line level audio; voice communications; panel wiring
------------------------	---

### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	19	18	19x30	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.018	Black, White, Red, Green, Orange, Blue, White/Black Stripe, Red/Black Stripe, Green/Black Stripe, Orange/Black Stripe, Blue/Black Stripe, Black/White Stripe, Red/White Stripe, Green/White Stripe, Blue/White Stripe, Black/Red Stripe, White/Red Stripe, Orange/Red Stripe, Blue/Red Stripe

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.045 in	0.490 in

Cable Diameter (Nominal):	0.490 in
---------------------------	----------

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.3 Ohm/1000ft	26 pF/ft	2.5 Amps per Conductor at 25°C

#### Voltage

UL Voltage Rating
300 V (CMG), 300 V (UL AWM 2598)

### Mechanical Characteristics

#### Temperature

UL Rating	Operating
60°C (UL AWM Style 2598)	-20°C to +60°C

#### Bend Radius

Stationary Min.	Installation Min.
5 in	4.9 in

Max. Pull Tension:	475 lbs
Bulk Cable Weight:	172 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	2598
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.339 Revision Date: 09-30-2020
----------------------	--

© 2020 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:](#)

[8619 060500](#) [8619 060100](#) [8619 0601000](#) [8619 0605000](#)