



## **Product Description**

Electronic, 2 Conductor 16AWG (19x29) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

# **Technical Specifications**

## Product Overview

Construction Details Construction Details Construction Details Construction Details Construction		
Conductor         Element No. of Elements Size         Size         Size (1 - 2)         Material (2 - 2)	Suitable Applications:	low voltage analog signals (4-20ma, 0-10v,); low voltage digital control (24v,); line level audio; computer communication; panel wirin
Binding         No. of Elements         Size         Size         Size         Size         Size         Tor-Tinned Copper           nuidion         Image: Size         Nom. Thickness         Nom. Insulation Diamoter         Color Code           Parit(s)         PV - PolyVinyl Chlorid         0.023 in (0.58 mm)         0.105 in (2.67 mm)         Black & White           Voter Jacket         Image: Size         Nom. Thickness         Nom. Insulation Diamoter         Color Code           Voter Jacket         Image: Size Size         Nom. Thickness         Nom. Insulation Diamoter         Color Code           Over Jacket         Image: Size Size Size Size Size Size Size Size	Construction Details	
Binding         No. of Elements         Size         Size         Size         Size         Size         Tor-Tinned Copper           nuidion         Image: Size         Nom. Thickness         Nom. Insulation Diamoter         Color Code           Parit(s)         PV - PolyVinyl Chlorid         0.023 in (0.58 mm)         0.105 in (2.67 mm)         Black & White           Voter Jacket         Image: Size         Nom. Thickness         Nom. Insulation Diamoter         Color Code           Voter Jacket         Image: Size Size         Nom. Thickness         Nom. Insulation Diamoter         Color Code           Over Jacket         Image: Size Size Size Size Size Size Size Size	Canduatan	
Paring       1       16 AWG       19x29       TC - Tinned Copper         Insulation       Material       Nom. Trickness       Nom. Insulation Diameter       Color Code         Pair(s)       PVC - Polyvinyl Chioride       0.023 in (0.58 mm)       D.105 in (2.67 mm)       Black & White         Duterial       Nom. Trickness       Nom. Diameter       Color Code         PVC - Polyvinyl Chioride       0.032 in (0.58 mm)       D.105 in (2.67 mm)       Black & White         Overall Cable Diameter (Normal):       0.274 in (6.96 mm)       Electrical       Characteristics         Electrical Characteristics       Nom. Capacitance Condo-Cond       Max. Current       Nom. Spectomoductor at 30°C         Orderage       Notice       Spectomoductor at 30°C       Nom. Spectomoductor at 30°C       Nom. Spectomoductor at 30°C         Orderage       Spectomoductor Spectomoductor Spectomoductor at 30°C       Max. Current       Nom. Spectomoductor at 30°C         Orderage       Spectomoductor Spectomoductor Spectomoductor at 30°C       Nom. Spectomoductor at 30°C       Nom. Spectomoductor at 30°C         Output       Output       Spectomoductor Spectomoductor Spectomoductor at 30°C       Nom. Spectomoductor at 30°C       Nom. Spectomoductor at 30°C         Output       Output       Spectomoductor Spectomoductor Spectomoductor Spectomoductor Spectomoductor Spectomoductor		
Insulation  Element Material Nom. Thickness Nom. Insulation Diameter Color Code Parife) PVC - Polyvinyl Chloride 0.023 in (0.58 mm) 0.105 in (2.67 mm) Black & While  PVC - Polyvinyl Chloride 0.023 in (0.58 mm) 0.274 in (6.96 mm)  Overall Cable Diameter (Nominal):		
Element         Material         Nom. Thickness         Nom. Insulation Diameter         Color Code           Pair(s)         PVC - Polyvinyl Chloride         0.023 in (0.58 mm)         0.105 in (2.67 mm)         Black & White           Dure Jacket           Material         Nom. Thickness         Nom. Diameter           PVC - Polyvinyl Chloride         0.032 in (0.58 mm)         0.274 in (8.96 mm)         0.274 in (8.96 mm)           Overall Cable Diameter (Nominal):         0.274 in (8.96 mm)           Overall Cable Diameter (Nominal):           Statistics	Pair(s) 1 16 AW	/G 19x29 TC - Tinned Copper
Part(s)       PVC - Polyvinyl Chloride       0.02.01 i (0.58 mm)       0.105 in (2.67 mm)       Black & White         Duter Jack         Nom. Til Chross       Nom. Diameter         PVC - Polyvinyl Chloride       0.022 in (0.58 mm)       0.274 in (6.96 mm)       0.274 in (6.96 mm)         Correctoristics         Electrical Characteristics         Electrical Characteristics         Statematical Characteristics         Statematical Characteristics         Voltage Rating         300 V (CKG), 300 V (UL AWM 2598)       Ville Voltage Rating         Statematical Characteristics         Statematical Characteristics         Statematical Characteristics         Ville Voltage Rating         Statematical Characteristics         Statematical C	Insulation	
Numer Jacket   Overall Cable Diameter (Nominal):   0.274 in (6.96 mm)    Electrical Characteristics   Electrical Character DCR   Nom. Conductor DCR   Station Min.  <	Element Material	Nom. Thickness Nom. Insulation Diameter Color Code
Material       Nom. Thickness       Nom. Diameter         PVC - Polyvinyl Chlonde       0.032 in (0.81 mm)       0.274 in (6.96 mm)         Overall Cable Diameter (Nominal):       0.274 in (6.96 mm)         Electrical Characteristics         Statement       Nom. Conductor DCR       Nom. Capacitance Cond-to-Cond       Max. Current         Pair(s)       4.52 Ohm/1000ft       33 pF/ft (110 pF/m)       18 Amps per Conductor at 30°C         Voltage       Voltage Rating       Voltage Rating       Voltage Rating         300 V (CMG), 300 V (UL AVM 2598)       Voltage Rating       Voltage Rating         Voltage Rating       Operating       Voltage Rating       Voltage Rating         200 v (CMG), 300 V (UL AVM 2598)       Voltage Rating       Voltage Rating       Voltage Rating         Victorial Characteristics       Voltage Rating       Voltage Rating       Voltage Rating       Voltage Rating         Victorial Characteristics       Voltage Rating       Voltage Rating       Voltage Rating       Voltage Rating         Victorial Characteristics       Voltage Rating       Voltage Rating       Voltage Rating       Voltage Rating         Victorial Characteristics       Voltage Rating       Voltage Rating       Voltage Rating       Voltage Rating         Victorin Rating       Voltage Rating	Pair(s) PVC - Polyvinyl Chloride	0.023 in (0.58 mm) 0.105 in (2.67 mm) Black & White
PVC - Polyvinyl Chlorid       0.032 in (0.81 mm)       0.274 in (6.96 mm)         Overall Cable Diameter (Nominal)       0.274 in (6.96 mm)         Electrical Characteristics         Electrical Characteristics         Electrical Characteristics         Electrical Characteristics         Image: Conductor DCR       Nom. Capacitance Cond-to-Cond       Max. Current         Pair(s)       4.52 Ohm/1000t       33 pF/ft (110 pF/m)       18 Amps per Conductor at 30°C         Voltage         UL Voltage Rating         Overall Characteristics         Voltage         Voltage Rating         Solution of the second se	Outer Jacket	
Overall Cable Diameter (Nominal): 0.274 in (6.96 mm)   Electrical Characteristics     Element Nom. Conductor DCR   Nom. Capacitance Cond-to-Cond Max. Current   Pair(s) 4.52 Ohm/1000ft   33 pF/ft (110 pF/m) 18 Amps per Conductor at 30°C   Votage   UL Votage Rating   300 V (CMG), 300 V (UL AWM 2598)    Vechanical Characteristics   Verteerating   operating   80°C   -20°C to +60°C   Stationary Min.   Installation Min.   27 in (69 mm)   2.7 in (69 mm)	Material Nom. Th	nickness Nom. Diameter
Electrical Characteristics	PVC - Polyvinyl Chloride 0.032 in (	(0.81 mm) 0.274 in (6.96 mm)
Electricals Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Pair(s) 4.52 Ohm/1000ft 33 pF/ft (110 pF/m) 18 Amps per Conductor at 30°C  Voltage UL Voltage Rating 300 V (UL AWM 2598)  Vechanical Characteristics  Vechanical Characteri	Overall Cable Diameter (Nominal):	0.274 in (6.96 mm)
Nom. Conductor DCR         Nom. Capacitance Cond-to-Cond         Max. Current           Pair(s)         4.52 \nm/1000ft         33 pF/ft (110 pF/m)         18 Amps per Conductor at 30°C           Voltage         Rating         Voltage         Voltage           Voltage         Rating         Voltage         Voltage           Voltage         Operating         Operating         Operating         Operating           Stationary         Installation Min.         2.7 in (69 mm)         2.7 in (69 mm)         2.7 in (69 mm)         You (100 ft)           Max. Pull Tension         You (24 kg)           Bulk Cable Ve ight         You (24 kg)         You (24 kg)         You (24 kg)         You (24	Electrical Characteristics	
Pair(s)       4.52 Ohm/1000ft       33 pF/ft (110 pF/m)       18 Amps per Conductor at 30°C         Voltage Rating         300 V (UV VILLa WIM 259)         VILCONTACTORISTICS	Electricals	
Votage         Value         Value <t< td=""><td>Element Nom. Conductor DCR</td><td>Nom. Capacitance Cond-to-Cond Max. Current</td></t<>	Element Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond Max. Current
UL Voltage Rating         300 V (CMG), 300 V (UL AWM 2598)         Wechanical Characteristics         Temperature         UL Temperature         0°C         -20°C to +60°C         Stationary Min.         Installation Min.         2.7 in (69 mm)         Xend Radius         Stationary Min.         Installation Min.         2.7 in (69 mm)         Value Stationary Min.         Bulk Cable Weight:         94 lbs (43 kg)         Bulk Cable Weight:         38 lbs/1000ft	Pair(s) 4.52 Ohm/1000ft	33 pF/ft (110 pF/m) 18 Amps per Conductor at 30°C
300 V (CMG), 300 V (UL AWM 2598) Mechanical Characteristics Temperature UL Temperature 0°C 20°C to +60°C 3end Radius Stationary Min. Installation Min. 2.7 in (69 mm) 2.7 in (69 mm) Max. Pull Tensiv: 94 lbs (43 kg) Bulk Cable Weight: 94 lbs (43 kg)	Voltage	
Mechanical Characteristics         remperature       Operating         60°C       -20°C to +60°C         Band Radius       Stationary Min. Installation Min.         2.7 in (69 mm)       2.7 in (69 mm)         Max. Pull Tension:       94 lbs (43 kg)         Bulk Cable Weight:       38 lbs/1000ft	UL Voltage Rating	
Stationary Min.       Installation Min.         2.7 in (69 mm)       2.7 in (69 mm)         Max. Pull Tensiv:       94 lbs (43 kg)         Bulk Cable Weight:       38 lbs/1000ft	300 V (CMG), 300 V (UL AWM 2598	8)
Stationary Min.       Installation Min.         2.7 in (69 mm)       2.7 in (69 mm)         Max. Pull Tensiv:       94 lbs (43 kg)         Bulk Cable Weight:       38 lbs/1000ft	Maahaniaal Characteristia	
UL Temperature     Operating       60°C     -20°C to +60°C       Bend Radius		.5
60°C     -20°C to +60°C       Bend Radius     Stationary Min.       Stationary Min.     1stallation Min.       2.7 in (69 mm)     2.7 in (69 mm)       Max. Pull Tensio::     94 lbs (43 kg)       Bulk Cable Weight::     38 lbs/1000ft	Temperature	
Stationary Min.     Installation Min.       2.7 in (69 mm)     2.7 in (69 mm)       Max. Pull Tensio:     94 lbs (43 kg)       Bulk Cable Weight:     38 lbs/1000ft	UL Temperature Operating	
Stationary Min.     Installation Min.       2.7 in (69 mm)     2.7 in (69 mm)       Max. Pull Tensio::     94 lbs (43 kg)       Bulk Cable Weight::     38 lbs/1000ft	60°C -20°C to +60°C	
2.7 in (69 mm)     2.7 in (69 mm)       Max. Pull Tension     94 lbs (43 kg)       Bulk Cable Weight:     38 lbs/1000ft	Bend Radius	
Max. Pull Tension:     94 lbs (43 kg)       Bulk Cable Weight:     38 lbs/1000ft	Stationary Min. Installation Min.	
Bulk Cable Weight: 38 lbs/1000ft	2.7 in (69 mm) 2.7 in (69 mm)	
	Max. Pull Tension:	94 lbs (43 kg)
Standards and Compliance	Bulk Cable Weight:	38 lbs/1000ft
	Standards and Complianc	:e

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1685 UL loading , FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
NEC / UL Compliance:	Article 725, Article 800, CMG, CL3
AWM Compliance:	AWM 2598
CEC / C(UL) Compliance:	CMG
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)
UK Regulation Compliance:	UKCA Mark

## History

Update and Revision:

Revision Number: 0.514 Revision Date: 02-15-2024

#### **Part Numbers**

#### Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
8471.00U152	Chrome	UnReel	152 m	8719605018229	
8471.01152	Chrome	Reel	152 m	8719605018243	
8471.00305	Chrome	Reel	305 m	8719605018212	
8471.00U305	Chrome	UnReel	305 m	8719605018236	
8471 060500	Chrome	Reel	500 ft	612825208556	С
8471 060U500	Chrome	UnReel	500 ft	612825208532	
8471 0601000	Chrome	Reel	1,000 ft	612825208549	С
8471 060U1000	Chrome	UnReel	1,000 ft	612825208525	
8471.001000	Chrome	Reel	1,000 m	8719605018205	
8471 0605000	Chrome	Reel	5,000 ft	612825208563	

© 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.