



# Product: <u>8473</u> ☑

Electronic, 2 C #14 Str TC, PVC Ins, PVC Jkt, CL3

😭 Request Sample

## **Product Description**

Electronic, 2 Conductor 14AWG (42x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CL3

## **Technical Specifications**

## Product Overview

Construction Details         Conductor         Fain(s)       1       14 AWG       Additional         Fain(s)       1       14 AWG       42.30       TC - Timed Copper         naulation       Emment Monther of Element & Mon. Thickness & Non. Insulation Diameter & Color Code       Diameter         Pain(s)       Material & Non. Thickness & Non. Insulation Diameter & Color Code       Diameter         Pain(s)       PVC - Polyhinyl Chloride 0.032 in (0.81 mm)       0.358 in (0.04 mm)         Outer Jackat       Material & Non. Thickness & Non. Diameter       Diameter         PVC - Polyhinyl Chloride 0.035 in (0.04 mm)       0.356 in (0.04 mm)       Outer Jackat         Conductor DCR & Non. Capacitance Cond-to-Cond & Max. Current       PPC         PVC - Polyhinyl Chloride 0.030 in (1 0 mm)       0.356 in (0.04 mm)         Conductor DCR & Non. Capacitance Cond-to-Cond & Max. Current       PPC         Pain(s)       2.84 Ohm/1000t       2.2 pF/rt (72 pF/m)       2.5 Amps per Conductor at SOC         Voctalse Rains       Social Conductor DCR Non. Capacitance Cond-to-Cond & Max. Current       PPC         Social Colles Rains       Social Conductor at SOC       Social Conductor at SOC         Voctalse Rains       Social Conductor	Floddet Overview	
Conductor         Star         To - Tinned Copper           substrate         Nom. Thickness         Nom. Insulation Diameter         Color Code           Par(9)         PC - Poyung Chorde         0.032 in (0.81 mm)         0.18 in (3.51 mm)         Black & White           Num. Thickness         Nom. Diameter         Color Code           Num. Thickness         Nom. Diameter         Color Code           Num. Thickness         Nom. Diameter         Color Code           Color Code         Ode Code         Num. Code Code         Num. Code Code         Num. Thickness         Num. Thickness         Num. Thickness         Num. Thickness         Num. Thickness         Num. Thickness         Num. Thick	Suitable Applications:	up to 600V analog signals ; up to 600V digital control ; line level audio; voice communications; panel wiring
Biomore Normalize of Element 1         Size Normalize of Size Normali Size Normalize of Size Normalize of Size Normali Size	Construction Details	
Biomore Normalize of Element 1         Size Normalize of Size Normali Size Normalize of Size Normalize of Size Normali Size	Conductor	
Parity         1         1         4 AWG         242.00         TC - Timed Copper           Isualization         Nom.         Time Cooper         Color Code         Diamater         Diamater <th< th=""><th></th><th>Size Stranding Material</th></th<>		Size Stranding Material
neulaina Material Nom. Thickness Nom. Insulation Diameter Color Code Pair(s) PVC - Polyvingi Chioride 0.032 in (0.81 mm) 0.138 in (3.51 mm) Black & White Duer Jacket Material Nom. Thickness Nom. Diameter PVC - Polyvingi Chioride 0.039 in (0.04 mm) 0.338 in (0.04 mm) Overall Cable Diameter (Nominal) 0.338 in (0.04 mm) Correl Cable Diameter (Nominal) 0.338 in (0.04 mm) Electrical Characteristics Hierricals Electrical Characteristics Hierricals Mut Voltage Rating BOV (CL.3), 600 V (UL AVM 2587) Machael Characteristics Fargerature Mut Toppatron Operating BOYC - 207°C to 1970 BOY (CL.3), 600 V (UL AVM 2587) Hierricals Electrical Characteristics Hierricals Fargerature Mut Toppatron Operating BOYC - 207°C to 1970 BOY (CL.3), 600 V (UL AVM 2587) Hierricals Hi		
Efenn         Material         Nom. Thickness         Nom. Isalialion Diameter         Color Code           Pair(s)         PVC - Polyvinyl Chloride         0.032 in (0.81 mm)         0.138 in (3.51 mm)         Black & White           Subservation         Nom. Thickness         Nom. Thickness         Nom. Thickness         Nom. Thickness           Material         Nom. Thickness         Nom. Thickness         Nom. Thickness         Nom. Thickness           Material         Nom. Thickness         Nom. Thickness         Nom. Thickness         Nom. Thickness           Material         Nom. Thickness         Nom. Thickness         Nom. Thickness         Nom. Thickness           Overall cable         Dareter         Nom. Thickness         Nom. Thickness         Nom. Thickness           Subservation         0.356 in (9.04 mm)         0.356 in (9.04 mm)         0.356 in (9.04 mm)           Overall cable         Dareter (Nominic)         2.957 (ft (72 pF/m)         25 Amps per Conductor at 30°C           Subservation         Subservation         Subservation         Subservation         Subservation           Subservation         Subservation         Subservation         Subservation         Subservation           Subservation         Subservation         Subservatin Subservating Subservation         Subservating Subse		
Partici       PVC - Polyvijvi ( Chiordie       0.031 in (0.61 mm)       0.138 in (0.51 mm)       Black & White         Vulter Jacket       Nom. Thickes       Nom. Diameter       Nom. Diameter         PVC - Polyvijvi ( Chiordie       0.040 in (1.0 mm)       0.356 in (9.04 mm)       Nom. Diameter         Oriental Cabineter (Nominal):       0.356 in (9.04 mm)       Nom. Capacitance Cond-to-Cond       Max. Current         Element       Nom. Conductor DCR       Nom. Gapacitance Cond-to-Cond       Max. Current         Parkej       2.84 Ohm/10000       22 pF/ft (72 pF/m)       25 Amps per Conductor at 30°C         Voluse Rating       000 v (UL AWM 2587)       25 Amps per Conductor at 30°C         Voluse Rating       0.20 v (UL AWM 2587)       25 Amps per Conductor at 30°C         Volumeter Volu	Insulation	
Material         Nom. Thickness         Nom. Diameter           Wetz-Redwingt Chindred         0.040 in (1.0 mm)         0.356 in (9.04 mm)           Overall Cable Diameter (Nominal):         0.356 in (9.04 mm)           Electrical Characteristics           Biendrit         Nom. Conductor DCR         Nom. Capacitance Cond-to-Cond         Max. Current           Paris         2.24 Ohm/1000ft         22 pF/h (72 pF/m)         25 Amps per Conductor at 30°C           Voltage         Zaffic (72 pF/m)         25 Amps per Conductor at 30°C           Voltage         Volt Voltage Rating         000 V (CL 3), 600 V (UL AWM 2587)           Material         Operating         Operating           90°C         -20°C to +90°C           and Radius         Stationary Min         Instaliation Min           36 in (91 mm)         36 in (91 mm)         36 in (91 mm)           Max. Pull Tension:         106.8 lbs (48.35 kg)	Element Material	Nom. Thickness Nom. Insulation Diameter Color Code
Material         Nom. Trickness         Nom. Diameter           PVC - Polyvinyt Chlorid         0.040 in (1.0 mm)         0.356 in (9.04 mm)           Overall Cable Diameter (Nominal):         0.356 in (9.04 mm)           Stectrical         Characteristics	Pair(s) PVC - Polyvinyl Chlorid	de 0.032 in (0.81 mm) 0.138 in (3.51 mm) Black & White
PVC - Polyvinyl Chlord       0.040 in (1.0 mm)       0.366 in (9.04 mm)         Overall Cable Diameter (Nominal       0.356 in (9.04 mm)         Electrical Characteristics         Electrical Characteristics             Electrical Characteristics             Electrical Characteristics             Electrical Characteristics             Electrical Characteristics             Electrical Characteristics             Vit Voltage Rating             600 V (CL3), 600 V (UL AWM 2587)             Vit Constracteristics             Senderating       Operating         90° C       - 2°° C to +90° C         90° C       - 2°° C to +90° C             Senderating       Sen (91 mm)             Max. Pull Tension:       106.8 (48.35 kg)	Outer Jacket	
PVC - Polyvinyl Chlord       0.040 in (1.0 mm)       0.366 in (9.04 mm)         Overall Cable Diameter (Nominal       0.356 in (9.04 mm)         Electrical Characteristics         Electrical Characteristics             Electrical Characteristics             Electrical Characteristics             Electrical Characteristics             Electrical Characteristics             Electrical Characteristics             Vit Voltage Rating             600 V (CL3), 600 V (UL AWM 2587)             Vit Constracteristics             Senderating       Operating         90° C       - 2°° C to +90° C         90° C       - 2°° C to +90° C             Senderating       Sen (91 mm)             Max. Pull Tension:       106.8 (48.35 kg)		Thickness Nom. Diameter
Electrical Characteristics  Electrical Elect		
Electrical Characteristics  Electrical Elect	Overall Cable Diameter (Nominal	1): 0.356 in (9.04 mm)
Ulter         Nom. Conductor DCR         Nom. Capacitance Cond-to-Cond         Max. Current           Pair(s)         2.84 Ohm/1000ft         22 pF/ft (72 pF/m)         25 Amps per Conductor at 30°C           Voltage Rating           G00 V (CL 3), G00 V (UL AWM 2587)   Vechanical Characteristics  remperature UL Tomperature Querating 90°C Quera		
Element         Nom. Conductor DCR         Nom. Capacitance Cond-to-Cond         Max. Current           Pair(s)         2.84 Ohm/1000ft         22 pF/ft (72 pF/m)         25 Amps per Conductor at 30°C           roltage         UL Voltage Rating         000 V (CL3), 600 V (UL AWM 2587)         000 V (UL AWM 2587)           Vecharacteristics           remperature         Operating           90°C         -20°C to +90°C         -20°C to +90°C           Stationary Min.           36 in (91 mm)         3.6 in (91 mm)           Max. Pull Tension:         106.6 lbs (48.35 kg)	Electrical Characteristic	is
Element         Nom. Conductor DCR         Nom. Capacitance Cond-to-Cond         Max. Current           Pair(s)         2.84 Ohm/1000ft         22 pF/ft (72 pF/m)         25 Amps per Conductor at 30°C           roltage         UL Voltage Rating         000 V (CL3), 600 V (UL AWM 2587)         000 V (UL AWM 2587)           Vecharacteristics           remperature         Operating           90°C         -20°C to +90°C         -20°C to +90°C           Stationary Min.           36 in (91 mm)         3.6 in (91 mm)           Max. Pull Tension:         106.6 lbs (48.35 kg)	Electricals	
Pair(s)       2.84 Ohm/1000ft       22 pF/ft (72 pF/m)       25 Amps per Conductor at 30°C         Interval Section 2000 (1,1,2,2,2,3,3,3,3,3,3,3,3,3,3,3,3,3,3,3,		R Nom, Capacitance Cond-to-Cond Max. Current
UL Voltage Rating   600 V (CL3), 600 V (UL AWM 2587)   Vechanical Characteristics   Vechanical Characteristics     remperature   UL Temperature   0 perating   90°C   -20°C to +90°C   Stationary Min. Installation Min.   3.6 in (91 mm)   3.6 in (91 mm)   Max. Pull Tension:   106.6 lbs (48.35 kg)		
UL Voltage Rating   600 V (CL3), 600 V (UL AWM 2587)   Vechanical Characteristics   Vechanical Characteristics     remperature   UL Temperature   0 perating   90°C   -20°C to +90°C   Stationary Min. Installation Min.   3.6 in (91 mm)   3.6 in (91 mm)   Max. Pull Tension:   106.6 lbs (48.35 kg)		
600 V (CL3), 600 V (UL AWM 2587)  Mechanical Characteristics  Temperature UL Temperature 0 Operating 90°C 20°C to +90°C 3end Radius Stationary Min. Installation Min. 3.6 in (91 mm) 3.6 in (91 mm) Max. Pull Tensior: 106.6 lbs (48.35 kg)	Voltage	
Mechanical Characteristics         remperature       Operating         90°C       -20°C to +90°C         Bend Radius         Stationary Min       Installation Min.         36 in (91 mm)       3.6 in (91 mm)         Max. Pull Tensin:       106.6 lbs (48.35 kg)		
Temperature       Operating         90°C       -20°C to +90°C         Bend Radius       -20°C to +90°C         Stationary Min.       Installation Min.         3.6 in (91 mm)       3.6 in (91 mm)         Max. Pull Tensiv:       106.6 lbs (48.35 kg)	600 V (CL3), 600 V (UL AWM 25	87)
Temperature       Operating         90°C       -20°C to +90°C         Bend Radius       -20°C to +90°C         Stationary Min.       Installation Min.         3.6 in (91 mm)       3.6 in (91 mm)         Max. Pull Tensiv:       106.6 lbs (48.35 kg)	Mechanical Characterist	tics
UL Temperature     Operating       90°C     -20°C to +90°C       Bend Radius       Stationary Min.     Installation Min.       3.6 in (91 mm)     3.6 in (91 mm)       Max. Pull Tensiv:     106.6 lbs (48.35 kg)		
90°C     -20°C to +90°C       Bend Radius       Stationary Min.     Installation Min.       3.6 in (91 mm)     3.6 in (91 mm)       Max. Pull Tension:     106.6 lbs (48.35 kg)	Temperature	
Stationary Min.     Installation Min.       3.6 in (91 mm)     3.6 in (91 mm)       Max. Pull Tension:     106.6 lbs (48.35 kg)	UL Temperature Operating	
Stationary Min.       Installation Min.         3.6 in (91 mm)       3.6 in (91 mm)         Max. Pull Tension:       106.6 lbs (48.35 kg)	90°C -20°C to +90°	C
3.6 in (91 mm)       3.6 in (91 mm)         Max. Pull Tension:       106.6 lbs (48.35 kg)	Bend Radius	
Max. Pull Tension: 106.6 lbs (48.35 kg)	Stationary Min. Installation Mi	in.
	3.6 in (91 mm) 3.6 in (91 mm)	
	Max. Pull Tension:	106.6 lbs (48.35 kg)
	Bulk Cable Weight:	
	-	

**Standards and Compliance** 

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1685 UL loading , FT1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL3
AWM Compliance:	AWM 2587
CEC / C(UL) Compliance:	FAS90
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)
Desident Marken	

### **Product Notes**

Notes:	Nominal Breakdown Voltage - Jacket 20 KV RMS; Nominal Breakdown Voltage Between Conductors 25 KV RMS. See NEC guidelines for applicable CL3 voltage ratings.

#### History

ι	Jpdate and Revision:	Revision Number: 0.469 Revision Date: 06-30-2022

#### **Part Numbers**

#### Variants

Item #	Color	Putup Type	Length	UPC
8473 060500	Chrome	Reel	500 ft	612825208624
8473 060U500	Chrome	UnReel	500 ft	612825208600
8473 0601000	Chrome	Reel	1,000 ft	612825208617
8473 0605000	Chrome	Reel	5,000 ft	612825208631

© 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.