



Product: [1349A](#)

CC Link, 5 C #18+20 Str BC, PVC+PO Ins, OS+TC Brd, PVC Jkt, PVC Jkt, CM

[Request Sample](#)

Product Description

CC Link, 5 Conductor 18+20AWG (7x26+7x28) Bare Copper, PVC+PO Insulation, Overall Beldfoil®+Tinned Copper Braid(78%) Shield, PVC Inner Jacket, PVC Outer Jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	harsh environment, IIoT, factory or process automation, video, audio, data communication, etc.
------------------------	--

Construction Details

Conductor				
Element	No. of Elements	Size	Stranding	Material
Conductor(s)	5	18 AWG	7x26	BC - Bare Copper
Conductor(s)		20 AWG	7x28	BC - Bare Copper

Insulation				
Element	Material	Nom. Thickness	Color Code	Notes
Conductor(s)	PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	Black and White, Blue, Yellow, and White	
Conductor(s)	PE - Polyethylene (Foam)	0.03 in (0.76 mm)		HDPE

Inner Shield			
Element	Shield Type	Material	Coverage
	Tape	Bi-Laminate (Alum+Poly)	100%
Data Pair(s)	Braid	Tinned Copper (TC)	78%
		Tinned Copper (TC)	

Outer Shield

Material
No Shield

Inner Jacket		
Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.309 in (7.85 mm)

Outer Jacket			
Separator	Material	Nom. Thickness	Nom. Diameter
Polyester Tape	PVC - Polyvinyl Chloride	0.53 in (13 mm)	0.512 in (13.0 mm)

Electrical Characteristics

Electricals			
Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Characteristic Impedence	Max. Current
5.8 Ohm/1000ft		120 Ohm	6.1 Amps per Conductor
9.5 Ohm/1000ft (31 Ohm/km)	18.3 pF/ft (60.0 pF/m)	110 Ohm	
Nom. Outer Shield DCR: 8 Ohm/1000ft (26 Ohm/km)			

Voltage

UL Voltage Rating
300 V (PLTC), (CM)

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-30°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
5.12 in (130 mm)	5.12 in (130 mm)

Max. Pull Tension:	104 lbs (47.2 kg)
Bulk Cable Weight:	103 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Outdoor, Sunlight Resistance, UV Resistance
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 725, Article 800, CM, PLTC
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: 0.503 Revision Date: 02-03-2025
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1349A 0021000	Red	Reel	1,000 ft	612825112389	C

© 2025 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.