



Part Number: 1349A

CC Link, (2) 18 AWG (7x26), (3) 20 AWG (7x28) BC, FHDPE-PVC/PVC/PVC. Foil+TC Braid Shld, PLTC, CM

Product Description

Two 18 AWG stranded (7x26) bare copper conductors, three 20 AWG stranded (7x28) bare copper conductors, foam high density polyethylene insulation (power), PVC insulation (data), PVC inner jacket, overall Beldfoil® shield (100% coverage) plus tinned copper braid shield (78% coverage), PVC outer jacket.

Product Specifications

Technical Specifications

Suitable Applications:	CC Link
-------------------------------	---------

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	2
20	7x28	BC - Bare Copper	3

Total Number of Conductors:	5
------------------------------------	---

Insulation:

Element	Material
20	FHDPE - Foam High Density Polyethylene
18	PVC - Polyvinyl Chloride

Color Chart 1:

Number	Color
1	Blue
20 AWG	Yellow
2	White
20 AWG	Black
3	White
20 AWG	
4	
5	

Innershield:

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Tape	1	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	22	19x34 mm
Braid	2	TC - Tinned Copper		78 %		
		TC - Tinned Copper				

Innerjacket:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.309 in	0.035 in

Cabling 1:

Lay Length	Lay Direction
6 in	Right Hand

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
PVC - Polyvinyl Chloride	0.512 in	0.053 in	Polyester

Electrical Characteristics

Conductor DCR:

Element	Nominal Conductor DCR	Nominal Outer Shield DCR
20 AWG	9.5 Ohm/1000ft	8 Ohm/1000ft
18 AWG	5.8 Ohm/1000ft	

Capacitance:

Element	Nom. Capacitance Conductor to Conductor
20 AWG	18.3 pF/ft

Impedance:

Nominal Characteristic Impedance	Nominal Characteristic Impedance Description
110 Ohm	20 AWG

Voltage:

UL Description	UL Voltage Rating
PLTC	300 V RMS
CM	300 V RMS

Use

Max Recommended Pulling Tension:	90 lbs
----------------------------------	--------

Safety

UL Flammability:	UL1685 UL Loading
------------------	-------------------

Temperature Range

Non-UL Temp Rating:	60°C
Operating Temp Range:	-30°C To +60°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	5.1 in
-----------------------------	--------

Part Number

Plenum (Y/N):	No
---------------	----

Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
Other Specification:	Other Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

History

Product Variants

Part Number	Color	Put-Up Type	Length
1349A 0021000	RED	Reel	1000 ft

© 2016 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 herein 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 "AS IS" 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.