



Part Number: 1348A

CC Link, 3 C #20 Str BC, PO Ins, OS+TC Brd, PVC Jkt, CM

[Request Sample](#)

Product Description

CC Link, 3 Conductor 20AWG (7x28) Bare Copper, PO Insulation, Overall Beldfoil®+Tinned Copper Braid(78%) Shield, PVC Outer Jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	CC Link
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Physical Characteristics (Overall)

Conductor

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

Conductor Count:	3
Conductor Size:	20 AWG

Insulation

Material	Nominal Wall Thickness
FHDPE - Foamed High Density Polyethylene	0.028 in

Color Chart

Number	Color
1	Blue
2	Yellow
3	White

Outer Shield Material

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

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.303 in	0.035 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
9.5 Ohm/1000ft	8 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
18.3 pF/ft

Impedance

Nominal Characteristic Impedance

120 Ohm

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-30°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	49 lbs/1000ft
Max Recommended Pulling Tension:	46 lbs
Min Bend Radius/Minor Axis:	3 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
Other Specification:	Mitsubishi CC Link Signal

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2006-08-15
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
1348A 0021000	Red	C
1348A 0025000	Red	C Z

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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