



Product: [1348A](#)

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

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Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	harsh environment, IloT, factory or process automation, video, audio, data communication, etc.
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	20 AWG	7x28	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Color Code	Notes
Conductor(s)	PE - Polyethylene (Foam)	0.028 in (0.71 mm)	Blue, Yellow, White	HDPE

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.303 in (7.70 mm)

Overall Cable Diameter (Nominal): 0.303 in (7.70 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Characteristic Impedence
Conductor(s)	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)

High Frequency

Element	Frequency [MHz]
Conductor(s)	1
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Voltage

UL Voltage Rating
300 V (CM)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
4 in (100 mm)	4 in

Max. Pull Tension:	46 lbs (21 kg)
Bulk Cable Weight:	49 lbs/1000ft (73 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 800, CM
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)
Other Standard Compliance(s):	Mitsubishi CC Link Signal

Product Notes

Notes:	Mitsubishi #BA1SJ61-S, Cable contains fillers
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History

Update and Revision:	Revision Number: 0.363 Revision Date: 12-15-2021
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
1348A 0021000	Red	Reel	1,000 ft	612825112365
1348A 0025000	Red	Reel	5,000 ft	612825112372

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