



**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

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

### Conductor

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

### Insulation

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

### Outer Shield Material

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

### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in	0.303 in

Cable Diameter (Nominal): 0.303 in

### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Characteristic Impedance
Conductor(s)	9.5 Ohm/1000ft	18.3 pF/ft	110 Ohm

Nom Outer Shield DCR: 8 Ohm/1000ft

### High Freq

Element	Frequency [MHz]
Conductor(s)	1 MHz
	5 MHz

### Voltage

UL Voltage Rating
300 V (CM)

### Temperature

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

### Bend Radius

Stationary Min.	Installation Min.
3 in	4 in

Max. Pull Tension: 46 lbs

Bulk Cable Weight: 49 lbs/1000ft

Environmental Suitability:	Indoor
Flammability / Fire Resistance:	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, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	Mitsubishi CC Link Signal
Notes:	Mitsubishi #BA1SJ61-S, Cable contains fillers
Update and Revision:	Revision Number: 0.350 Revision Date: 11-13-2020

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