




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.
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Conductor

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

Insulation

Element	Material	Thickness [in.]	Color Code	Notes
Conductor(s)	PE - Polyethylene (Foam)	0.028	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
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Electricals

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

Nom Outer Shield DCR:	8 Ohm/1000ft
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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: 0.349 Revision Date: 09-30-2020

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