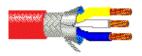
# **Detailed Specifications & Technical Data**



METRIC MEASUREMENT VERSION

## 1348A Multi-Conductor - CC Link Certified Cable



For more Information please call

1-800-Belden1



### **General Description:**

20 AWG stranded (7x28) bare copper conductors, foam HDPE insulation, overall Beldfoil® shield (100% coverage) plus tinned copper braid shield (78% coverage), 22 AWG stranded (19x34) tinned copper drain wire, PVC jacket.

Usage (Overall)		
Suitable Applications:	CC Link	
Dhysical Characteristics (Ove		
Physical Characteristics (Over	all)	
Conductor AWG:		
# Conductors AWG Stranding Conductors	uctor Material	
	Bare Copper	
Total Number of Conductors:	3	
Insulation		
Insulation Material:		
Insulation Material		
FHDPE - Foam High Density Polyethy	e	
Insulation Color Code Chart:		
Number Color		
1 Blue		
2 Yellow 3 White		
5 Write		
Outer Shield		
Outer Shield Material:		
Layer # Outer Shield Trade Name T   1 Beldfoil® T	Outer Shield Material Coverage (%)   ape Aluminum Foil-Polyester Tape 100	
	raid TC - Tinned Copper 78	
Outer Shield Drain Wire AWG:		
AWG Stranding Drain Wire Conduct	or Material	
22 19x34 TC - Tinned Copper		
Outer Jacket Outer Jacket Material:		
	hickness (mm)	
PVC - Polyvinyl Chloride 0.889		
Overall Cable		
Overall Nominal Diameter:	7.696 mm	
Mechanical Characteristics (O	verall)	
Operating Temperature Range:	-30°C To +60°C	
Bulk Cable Weight:	72.922 Kg/Km	
Max. Recommended Pulling Ten	sion: 204.617 N	
Min. Bend Radius/Minor Axis:	76.200 mm	
	, 0.200 mm	

## **Detailed Specifications & Technical Data**





### 1348A Multi-Conductor - CC Link Certified Cable

Applicable Specifications and Agency Co				
Applicable Standards & Environmental Progr	rams CM			
NEC/(UL) Specification:				
CEC/C(UL) Specification:	CM Yes			
EU Directive 2011/65/EU (ROHS II):				
EU CE Mark:	Yes			
EU Directive 2000/53/EC (ELV):	Yes			
EU Directive 2002/95/EC (RoHS):	Yes			
EU RoHS Compliance Date (mm/dd/yyyy):	08/15/2006			
EU Directive 2002/96/EC (WEEE):	Yes			
EU Directive 2003/11/EC (BFR):	Yes			
CA Prop 65 (CJ for Wire & Cable):	Yes			
MII Order #39 (China RoHS):	Yes			
Other Specification:	Mitsubishi CC Link Signal			
Flame Test				
UL Flame Test:	UL1685 UL Loading			
Plenum/Non-Plenum				
Plenum (Y/N):	No			
Electrical Characteristics (Overall)				
Nom. Characteristic Impedance:				
Impedance (Ohm) 110				
Nom. Capacitance Conductor to Conductor:				
Capacitance (pF/m) 60.0423				
Nom. Conductor DC Resistance:				
DCR @ 20°C (Ohm/km) 31.1695				
Nominal Outer Shield DC Resistance:				
DCR @ 20°C (Ohm/km) 26.248				
Max. Operating Voltage - UL:				
Voltage 300 V RMS				

#### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1348A 0021000	1,000 FT	53.000 LB	RED	С	3 #20 FPE SH PVC
1348A 0025000	5,000 FT	270.000 LB	RED	CZ	3 #20 FPE SH PVC

Notes:

C = CRATE REEL PUT-UP.

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

Revision Number: 1 Revision Date: 02-12-2009

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# **Detailed Specifications & Technical Data**



#### METRIC MEASUREMENT VERSION

#### 1348A Multi-Conductor - CC Link Certified Cable

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