# **Detailed Specifications & Technical Data**

### METRIC MEASUREMENT VERSION



### 1213A Multi-Conductor - Computers, Instrumentation & Medical Elec Interconnect Cable



For more Information please call

1-800-Belden1



### **General Description:**

26 AWG stranded (7x34) TC conductors, PVC insulation, Duofoil® shield (100% coverage), 26 AWG stranded TC drain wire, PVC jacket.

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## **Physical Characteristics (Overall)**

### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
8	26	7x34	TC - Tinned Copper

Total Number of Conductors:

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)	
PVC - Polyvinyl Chloride	0.381	

#### **Outer Shield**

Outer Shield Material:

C	Outer Shield Trade Name Typ Duofoil® Tap		Outer Shield Material	Coverage (%)
			Aluminum Foil-Polyester Tape-Aluminum Foil	100

### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material		
26	7x34	TC - Tinned Copper		

### **Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.991

### **Overall Cable**

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Purple
3	Red
4	Blue
5	Green
6	Orange
7	Yellow
8	White

**Overall Nominal Diameter:** 

6.071 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +90°C
UL Temperature Rating:	90°C
Bulk Cable Weight:	31.252 Kg/Km
Max. Recommended Pulling Tension:	142.342 N
Min. Bend Radius/Minor Axis:	63.500 mm

### **Applicable Specifications and Agency Compliance (Overall)**

### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL2X
AWM Specification:	UL Style 2464 (300 V 80°C)
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes

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EU Directive 2000/53/EC (ELV):	Yes	
EU Directive 2002/95/EC (RoHS):	Yes	
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005	
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	
lenum/Non-Plenum		
Plenum (Y/N):	No	

### **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

**Nominal Velocity of Propagation:** 

**VP** (%) 60

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 122.381

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 1.2 Amps per conductor @ 25°C (10°C rise in temp)

### Notes (Overall)

Notes: AMP is a registered trademark of AMP, Inc.

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1213A 0101000	1,000 FT	24.000 LB	BLACK		8 #26 PVC FS PVC
1213A 010500	500 FT	12.000 LB	BLACK		8 #26 PVC FS PVC

Revision Number: 2 Revision Date: 11-06-2012

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product.
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