



**Product:** [1213A](#)

Instrument Medical Interconnect, #26-8c, TC, PVC, O/A Foil, PVC Jkt, CL2X

### Product Description

Computer, Instrument & Medical Interconnect, 26 AWG stranded (7x34) tinned copper conductors, PVC insulation, Duofoil® shield (100% coverage), 26 AWG stranded tinned copper drain wire, PVC jacket.

### Technical Specifications

#### Product Overview

Suitable Applications:	for use with Molex SEMMCONN/AMP SDL connectors; computer communications; medical electronics interconnects; low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; panel wiring
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
26	7x34	TC - Tinned Copper	8

Conductor Count:	8
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##### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

##### Color Chart

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

##### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Alum / Poly / Alum	Duofoil®	100 %	TC - Tinned Copper	26	7x34

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.239 in	0.039 in

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR
37.3 Ohm/1000ft

##### Capacitance

<b>Nom. Capacitance Conductor to Conductor</b>
26 pF/ft

#### Delay

<b>Max. Delay Skew</b>	<b>Nominal Velocity of Propagation (VP) [%]</b>
60 ns/100m	60 %

#### Current

<b>Max. Recommended Current [A]</b>
1.2 Amps per conductor @ 25°C A

#### Voltage

<b>UL Voltage Rating</b>
300 V RMS

### Temperature Range

UL Temp Rating:	90°C
Operating Temp Range:	-20°C To +90°C

### Mechanical Characteristics

Bulk Cable Weight:	21 lbs/1000ft
Max Recommended Pulling Tension:	32 lbs
Min Bend Radius/Minor Axis:	2.5 in

### Standards

NEC/(UL) Specification:	CL2X
UL AWM Style:	2464 (300 V 80°C)

### Applicable Environmental and Other Programs

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01
MII Order #39 (China RoHS):	Yes

### Flammability, LS0H, Toxicity Testing

UL voltage rating:	300 V RMS
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Part Number

#### Variants

Item #	Color	Putup Type	Length	UPC
1213A 010500	Black	Reel	500 ft	612825108672
1213A 0101000	Black	Reel	1,000 ft	612825108665

### Product Notes

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

Update and Revision:	Revision Number: 0.304 Revision Date: 04-28-2020
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