



**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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**Construction Details**

**Conductor**

Element	Number of Element	Size	Stranding	Material
Conductor(s)	8	26	7x34	TC - Tinned Copper

**Insulation**

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.048 in (1.2 mm)	Black, Purple, Red, Blue, Green, Orange, Yellow, White

**Outer Shield**

Shield Type	Material	Coverage	Drainwire Type
Tape	Tri-Laminate (Alum+Poly+Alum)	100%	26 AWG (7x34) TC

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.0385 in (0.978 mm)	0.239 in (6.07 mm)

**Electrical Characteristics**

**Electricals**

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Velocity of Prop.	Max. Current
44.4 Ohm/1000ft	26 pF/ft (85 pF/m)	60%	1.12 Amps per Conductor at 25°C

**Voltage**

UL Voltage Rating
300 V

**Mechanical Characteristics**

**Temperature**

UL Temperature	Operating
90°C	-20°C To +90°C

**Bend Radius**

Stationary Min.	Installation Min.
2.39 in (60.7 mm)	2.39 in (60.7 mm)

Max. Pull Tension:	28.8 lbs (13.1 kg)
Bulk Cable Weight:	21 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Sunlight Resistance, Burial
Flammability / Reaction to Fire:	VW-1
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL2X
AWM Compliance:	AWM 2464
European Directive Compliance:	EU CE Mark
UK Regulation Compliance:	UKCA Mark

Product Notes

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

Update and Revision:	Revision Number: 0.503 Revision Date: 01-20-2023
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Part Numbers

Variants

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

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