



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	No. of Elements	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

Nom Outer Shield DCR:	15.5 Ohm/1000ft (50.9 Ohm/km)
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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: 0.505 Revision Date: 09-07-2025
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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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