

**Product: [1212A](#)**

**Instrument Medical Interconnect, #26-6c, 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)	6	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)	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	0.0365 in (0.927 mm)	0.220 in

**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 +80°C

**Bend Radius**

Stationary Min.	Installation Min.
2.2 in (56 mm)	2.2 in

Max. Pull Tension:	22.4 lbs (10.2 kg)
Bulk Cable Weight:	26 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Sunlight Resistance, Burial
Flammability / Reaction to Fire:	VW-1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL2X
AWM Compliance:	AWM 2464
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## Product Notes

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

Update and Revision:	Revision Number: 0.391 Revision Date: 12-19-2021
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## Part Numbers

### Variants

Item #	Color	UPC
1212A 0101000	Black	612825108467
1212A 010500	Black	612825108474

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