



**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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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
26	7x34	TC - Tinned Copper	6

Conductor Count:	6
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#### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

#### Color Chart

Number	Color
1	Red
2	Blue
3	Green
4	Orange
5	Yellow
6	White

#### Outer Shield Material

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

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.220 in	0.037 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
37.3 Ohm/1000ft

#### Capacitance

Max. Mutual Capacitance	Nom. Capacitance Conductor to Conductor
24 pF/ft	26 pF/ft

## Delay

### Max. Delay Skew

60 ns/100m

## Current

### Max. Recommended Current [A]

1.2 Amps per Conductor at 25°C

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

Operating Temp Range: -20°C To +80°C

## Mechanical Characteristics

Bulk Cable Weight: 26 lbs/1000ft

Max. Pull Tension: 25 lbs

Min Bend Radius/Minor Axis: 2.25 in

## Standards

NEC/(UL) Compliance: CL2X

UL AWM Style Compliance: 2464 (300 V 80°C)

CPR Euroclass: Eca

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

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, LSOH, Toxicity Testing

IEC Flammability: IEC 60332-1-2

UL voltage rating: 300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N): No

## Part Number

### Variants

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

Footnote: C - CRATE REEL PUT-UP.

## Product Notes

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

## History

Update and Revision: Revision Number: 0.311 Revision Date: 09-30-2020

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