

**Part Number:** 1214A

Instrument Medical Interconnect, #26-16c, 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**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
26	7x34	TC - Tinned Copper	16

Conductor Count:	16
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**Insulation**

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

**Color Chart**

Number	Color
1	White w/Red Stripe
2	White w/Brown Stripe
3	White w/Black Stripe
4	Black
5	Red
6	Brown
7	Purple
8	Blue
9	Green
10	Gray
11	Aqua
12	Tan
13	Pink
14	Orange
15	White
16	Yellow

**Outer Shield Material**

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

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.301 in	0.035 in

**Electrical Characteristics**

## Conductor DCR

### Nominal Conductor DCR

37.3 Ohm/1000ft

## Capacitance

### Nom. Capacitance Conductor to Conductor

26 pF/ft

## Delay

### Max. Delay Skew | Nominal Velocity of Propagation (VP) [%]

60 ns/100m | 60 %

## Current

### Max. Recommended Current [A]

0.8 Amps per conductor @ 25°C A

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

Operating Temp Range: -20°C To +80°C

## Mechanical Characteristics

Bulk Cable Weight:	52 lbs/1000ft
Max Recommended Pulling Tension:	60 lbs
Min Bend Radius During Installation:	24 in
Min Bend Radius/Minor Axis:	3 in

## Standards

NEC/(UL) Specification:	CL2X
UL AWM Style:	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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

ISO/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	Footnote
1214A 0101000	Black	612825108894	C

Footnote: C - CRATE REEL PUT-UP.

## Product Notes

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

Update and Revision:	Revision Number: 0.294 Revision Date: 08-22-2019
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