



Product: [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

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	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	Alum / Poly / Alum	Duofoil®	100%	TC - Tinned Copper	26	7x34

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 at 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	-20°C To +80°C
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Mechanical Characteristics

Bulk Cable Weight:	52 lbs/1000ft
Max. Pull Tension:	60 lbs
Min Bend Radius During Installation:	24 in
Min Bend Radius/Minor Axis:	3 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
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Part Number

Variants

Item #	Color	UPC
1214A 0101000	Black	612825108894

Footnote:	C - CRATE REEL PUT-UP.
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Product Notes

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

Update and Revision:	Revision Number: 0.305 Revision Date: 06-24-2020
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