BELDEN

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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	16	26 AWG	7x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.0145 in (0.368 mm)	0.048 in (1.2 mm)	White w/Red Stripe, White w/Brown Stripe, White w/Black Stripe, Black, Red, Brown, Purple, Blue, Green, Gray, Aqua, Tan, Pink, Orange, White, Yellow

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Tri-Laminate (Alum+Poly+Alum)	100%	26 AWG (7x34) TC

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter	Ripcord
Tape	PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.301 in	Yes

Overall Cable Diameter (Nominal):	0.301 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Velocity of Prop.	Max. Current
47 Ohm/1000ft	26 pF/ft (85 pF/m)	60%	0.8 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
90°C	-30°C To +90°C

Bend Radius

Stationary Min.	Installation Min.
3.01 in (76.5 mm)	3.01 in

Max. Pull Tension:	60 lbs (27 kg)
Bulk Cable Weight:	52 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

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

History

Update and Revision:	Revision Number: 0.394 Revision Date: 05-05-2023

Part Numbers

Variants

Item #	Color	UPC	Footnote
1214A 0101000	Black	612825108894	C

Mouser Electronics

Authorized Distributor

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