



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 25°C |
| 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

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

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

Part Numbers

Variants

| Item # | Color | UPC | Footnote |
|---------------|-------|--------------|----------|
| 1214A 0101000 | Black | 612825108894 | C |

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