



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 |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|--------------|-------------------|------|-----------|--------------------|
| Conductor(s) | 6 | 26 | 7x34 | TC - Tinned Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------------------|--------------------|--------------------------|---|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.048 in (1.2 mm) | Red, Blue, Green, Orange, Yellow, White |

Outer Shield

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

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|----------------------|---------------|
| PVC - Polyvinyl Chloride | 0.0365 in (0.927 mm) | 0.220 in |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Velocity of Prop. | Max. Current |
|--------------------|-------------------------------|------------------------|---------------------------------|
| 44.4 Ohm/1000ft | 26 pF/ft (85 pF/m) | 60% | 1.12 Amps per Conductor at 25°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 90°C | -20°C To +80°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.2 in (56 mm) | 2.2 in |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 22.4 lbs (10.2 kg) |
| Bulk Cable Weight: | 26 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Sunlight Resistance, Burial |
| 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: 0.399 Revision Date: 05-05-2023 |
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Part Numbers

Variants

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

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