



Product: [1213A](#)

Instrument Medical Interconnect, #26-8c, 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) | 8 | 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) | Black, Purple, 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 | 0.0385 in (0.978 mm) | 0.239 in (6.07 mm) |

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 +90°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-------------------|-------------------|
| 2.39 in (60.7 mm) | 2.39 in (60.7 mm) |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 28.8 lbs (13.1 kg) |
| Bulk Cable Weight: | 21 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|-----------------------------|
| Environmental Suitability: | Sunlight Resistance, Burial |
| Flammability / Reaction to Fire: | VW-1 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 725, CL2X |
| AWM Compliance: | AWM 2464 |
| European Directive Compliance: | EU CE Mark |
| UK Regulation Compliance: | UKCA Mark |

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: 0.503 Revision Date: 01-20-2023 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|---------------|-------|------------|----------|--------------|
| 1213A 010500 | Black | Reel | 500 ft | 612825108672 |
| 1213A 0101000 | Black | Reel | 1,000 ft | 612825108665 |

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