



**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      | No. of Elements | 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 |

Nom Outer Shield DCR: 15.5 Ohm/1000ft (50.9 Ohm/km)

#### 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

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

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.401 Revision Date: 09-07-2025 |
|----------------------|--|

## Part Numbers

### Variants

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

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.