

## 1213A Multi-Conductor - Computers, Instrumentation & Medical Elec Interconnect Cable



For more Information  
please call

1-800-Belden1



### General Description:

26 AWG stranded (7x34) TC conductors, PVC insulation, Duofoil® shield (100% coverage), 26 AWG stranded TC drain wire, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 8            | 26  | 7x34      | TC - Tinned Copper |

Total Number of Conductors: 8

#### Insulation

Insulation Material:

| Insulation Material      | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | .015                 |

#### Outer Shield

Outer Shield Material:

| Outer Shield Trade Name | Type | Outer Shield Material                      | Coverage (%) |
|-------------------------|------|--|--------------|
| Duofoil®                | Tape | Aluminum Foil-Polyester Tape-Aluminum Foil | 100          |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 26  | 7x34      | TC - Tinned Copper            |

#### Outer Jacket

Outer Jacket Material:

| Outer Jacket Material    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | 0.039                     |

#### Overall Cable

Overall Cabling Color Code Chart:

| Number | Color  |
|--------|--------|
| 1      | Black  |
| 2      | Purple |
| 3      | Red    |
| 4      | Blue   |
| 5      | Green  |
| 6      | Orange |
| 7      | Yellow |
| 8      | White  |

Overall Nominal Diameter: 0.239 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +90°C

UL Temperature Rating: 90°C

Bulk Cable Weight: 21 lbs/1000 ft.

Max. Recommended Pulling Tension: 32 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL2X

AWM Specification: UL Style 2464 (300 V 80°C)

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

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|                                       |            |
|---------------------------------------|------------|
| EU Directive 2000/53/EC (ELV):        | Yes        |
| EU Directive 2002/95/EC (RoHS):       | Yes        |
| EU RoHS Compliance Date (mm/dd/yyyy): | 10/01/2005 |
| EU Directive 2002/96/EC (WEEE):       | Yes        |
| EU Directive 2003/11/EC (BFR):        | Yes        |
| CA Prop 65 (CJ for Wire & Cable):     | Yes        |
| MII Order #39 (China RoHS):           | Yes        |

### Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

26

#### Nominal Velocity of Propagation:

VP (%)

60

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

37.3

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

Current

1.2 Amps per conductor @ 25°C (10°C rise in temp)

### Notes (Overall)

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

### Put Ups and Colors:

| Item #        | Putup    | Ship Weight | Color | Notes | Item Desc        |
|---------------|----------|-------------|-------|-------|------------------|
| 1213A 0101000 | 1,000 FT | 24.000 LB   | BLACK |       | 8 #26 PVC FS PVC |
| 1213A 010500  | 500 FT   | 12.000 LB   | BLACK |       | 8 #26 PVC FS PVC |

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