# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 9626 Multi-Conductor - Audio, Control and Instrumentation Cable

For more Information please call

1-800-Belden1



## **Description:**

18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

## **Physical Characteristics (Overall)**

#### Conductor

#### AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 25           | 18  | 19x30     | TC - Tinned Copper |

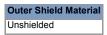
#### Insulation

#### **Insulation Material:**

| Insulation Material      | Wall Thickness (in.) |  |  |
|--------------------------|----------------------|--|--|
| PVC - Polyvinyl Chloride | .017                 |  |  |

#### **Outer Shield**

#### **Outer Shield Material:**



#### **Outer Jacket**

#### **Outer Jacket Material:**

| Outer Jacket Material    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .060                      |

#### **Overall Cable**

#### Overall Cabling Lay Length & Direction:

| Length (in.) | Twists (ft.) |
|--------------|--------------|
| 5.90         | 2.0          |

#### **Overall Cabling Color Code Chart:**

| Number | Color        |  |  |
|--------|--------------|--|--|
| 1      | Black        |  |  |
| 2      | White        |  |  |
| 3      | Red          |  |  |
| 4      | Green        |  |  |
| 5      | Orange       |  |  |
| 6      | Blue         |  |  |
| 7      | White/Black  |  |  |
| 8      | Red/Black    |  |  |
| 9      | Green/Black  |  |  |
| 10     | Orange/Black |  |  |
| 11     | Blue/Black   |  |  |
| 12     | Black/White  |  |  |
| 13     | Red/White    |  |  |
| 14     | Green/White  |  |  |
| 15     | Blue/White   |  |  |
| 16     | Black/Red    |  |  |
| 17     | White/Red    |  |  |
| 18     | Orange/Red   |  |  |
| 19     | Blue/Red     |  |  |
| 20     | Red/Green    |  |  |

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| 21 | Orange/Green      |  |  |
|----|-------------------|--|--|
| 22 | Black/White/Red   |  |  |
| 23 | White/Black/Red   |  |  |
| 24 | Red/Black/White   |  |  |
| 25 | Green/Black/White |  |  |

**Overall Nominal Diameter:** 0.612 in.

| <b>Mechanical Characteristics (Overall)</b> |
|---|
|---|

| Operating Temperature Range:           | -20°C To +60°C           |  |
|--|--------------------------|--|
| UL Temperature Rating:                 | 60°C (UL AWM Style 2598) |  |
| Bulk Cable Weight:                     | 264 lbs/1000 ft.         |  |
| Max. Recommended Pulling Tension:      | 625 lbs.                 |  |
| Min. Bend Radius (Install)/Minor Axis: | 6.100 in.                |  |

## **Applicable Specifications and Agency Compliance (Overall)**

#### **Applicable Standards & Environmental Programs**

| NEC/(UL) Specification:               | CMG                        |
|---------------------------------------|----------------------------|
| CEC/C(UL) Specification:              | CMG                        |
| AWM Specification:                    | UL Style 2598 (300 V 60°C) |
| EU CE Mark:                           | Yes                        |
| EU Directive 2000/53/EC (ELV):        | Yes                        |
| EU Directive 2002/95/EC (RoHS):       | Yes                        |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005                 |
| 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                        |
| Flame Test                            |                            |
| C(UL) Flame Test:                     | FT4                        |
| Plenum/Non-Plenum                     |                            |

## Plenum/Non-Plenum

Plenum (Y/N): No

#### **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 26

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage 300 V RMS (UL AWM Style 2598)

Max. Recommended Current:

Current 2.5 Amps per conductor @ 25°C

#### **Related Documents:**

No related documents are available for this product

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#### **Put Ups and Colors:**

| Item #       | Putup    | Ship Weight | Color  | Notes | Item Desc     |
|--------------|----------|-------------|--------|-------|---------------|
| 9626 060100  | 100 FT   | 27.400 LB   | CHROME | С     | 25#18 PVC PVC |
| 9626 0601000 | 1,000 FT | 260.000 LB  | CHROME | С     | 25#18 PVC PVC |
| 9626 060500  | 500 FT   | 130.500 LB  | CHROME | С     | 25#18 PVC PVC |

#### Notes:

C = CRATE REEL PUT-UP.

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