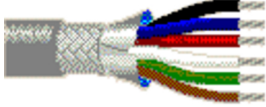


**Part Number: 9615**



RS232, #24-10c, SR-PVC, O/A Foil+Braid, PVC Jkt, CMG

### Product Description

Computer EIA RS-232 Cable, 24 AWG stranded (7x32) tinned copper conductors, semi-rigid PVC insulation, overall Beldfoil® (100% coverage) tinned copper braid shield (65% coverage), PVC jacket

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 24  | 7x32      | TC - Tinned Copper | 10                |

|                  |        |
|------------------|--------|
| Conductor Count: | 10     |
| Conductor Size:  | 24 AWG |

##### Insulation

| Material                                | Nominal Wall Thickness |
|-----------------------------------------|------------------------|
| S-R PVC - Semi-Rigid Polyvinyl Chloride | 0.011 in               |

##### Color Chart

| Number | Color  |
|--------|--------|
| 1      | Black  |
| 2      | White  |
| 3      | Red    |
| 4      | Green  |
| 5      | Brown  |
| 6      | Blue   |
| 7      | Orange |
| 8      | Yellow |
| 9      | Purple |
| 10     | Gray   |

##### Outer Shield Material

| Type  | Layer | Material           | Material Trade Name | Coverage [%] |
|-------|-------|--------------------|---------------------|--------------|
| Tape  | 1     | Aluminum/Polyester | Beldfoil®           | 100 %        |
| Braid | 2     | TC - Tinned Copper |                     | 65 %         |

##### Outer Jacket Material

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.271 in         | 0.035 in               |

#### Electrical Characteristics

##### Conductor DCR

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|-----------------------|--------------------------|
| 25 Ohm/1000ft         | 6.9 Ohm/1000ft           |

##### Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield | Nom. Mutual Capacitance |
|-----------------------------------------|---------------------------------------------------------|-------------------------|
| 30 pF/ft                                | 55 pF/ft                                                | 15 pF/ft                |

|            |                 |
|------------|-----------------|
| Shielding: | Foil + Braid(s) |
|------------|-----------------|

#### Current

|                                     |
|-------------------------------------|
| <b>Max. Recommended Current [A]</b> |
| 1.5 Amps per conductor @ 25°C A     |

#### Voltage

|                          |
|--------------------------|
| <b>UL Voltage Rating</b> |
| 300 V RMS                |

#### Temperature Range

|                       |                          |
|-----------------------|--------------------------|
| UL Temp Rating:       | 80°C (UL AWM Style 2464) |
| Operating Temp Range: | -30°C To +80°C           |

#### Mechanical Characteristics

|                             |               |
|-----------------------------|---------------|
| Bulk Cable Weight:          | 46 lbs/1000ft |
| Min Bend Radius/Minor Axis: | 2.75 in       |

#### Standards

|                          |                   |
|--------------------------|-------------------|
| NEC/(UL) Specification:  | CMG               |
| CEC/C(UL) Specification: | CMG               |
| UL AWM Style:            | 2464 (300 V 80°C) |

#### Applicable Environmental and Other Programs

|                                       |                               |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV):        | Yes                           |
| EU Directive 2003/96/EC (BFR):        | Yes                           |
| EU Directive 2011/65/EU (ROHS II):    | Yes                           |
| EU Directive 2012/19/EU (WEEE):       | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-10-01                    |
| CA Prop 65 (CJ for Wire & Cable):     | Yes                           |
| MII Order #39 (China RoHS):           | Yes                           |

#### Flammability, LS0H, Toxicity Testing

|                    |                    |
|--------------------|--------------------|
| UL Flammability:   | UL1685 FT4 Loading |
| CSA Flammability:  | FT4                |
| UL voltage rating: | 300 V RMS          |

#### Plenum/Non-Plenum

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

#### Part Number

#### Variants

| Item #       | Color  | Footnote |
|--------------|--------|----------|
| 9615 060100  | Chrome |          |
| 9615 0601000 | Chrome | C        |
| 9615 060500  | Chrome |          |

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

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