



Product: [8304](#)

RS-232, Low Cap, #22-4pr, SR-PVC, O/A Foil+Braid, PVC Jkt, CMG

Product Description

Computer EIA RS-232 Cable, 22 AWG stranded (7x30) tinned copper conductors, semi-rigid PVC insulation, 4 twisted pairs, overall Beldfoil® (100% coverage) + tinned copper braid shield (65% coverage), PVC jacket.

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | RS-232 Extended Distance Applications; Computer Communications; Low Voltage Analog Signals (4-20ma, 0-10v, ...); Low Voltage Digital Control (24v, ...); Line Level Audio; Panel Wiring |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | AWG | Stranding | Material |
|---------|-------------------|-----|-----------|--------------------|
| Pair(s) | 4 | 22 | 7x30 | TC - Tinned Copper |

Insulation

| Element | Material | Thickness [in] | Color Code |
|---------|---|----------------|---|
| Pair(s) | S-R PVC - Semi-Rigid Polyvinyl Chloride | 0.011 | Black & Red, Black & White, Black & Green, Black & Blue |

Outer Shield Material

| Type | Material | Coverage |
|--------------|----------------------------------|------------|
| Tape + Braid | Alum / Poly + Tinned Copper (TC) | 100% + 65% |

Outer Jacket Material

| Material | Thickness | Diameter |
|--------------------------|-----------|----------|
| PVC - Polyvinyl Chloride | 0.045 in | 0.320 in |

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Velocity of Prop. | Max. Current |
|---------|--------------------|-------------------------------|---|------------------------|--------------------------------|
| Pair(s) | 15 Ohm/1000ft | 35 pF/ft | 63 pF/ft | 60% | 2.1 Amps per Conductor at 25°C |

Voltage

| UL Voltage Rating |
|----------------------------------|
| 300 V (CMG), 300 V (UL AWM 2464) |

Mechanical Characteristics

Temperature

| UL Rating | Operating |
|--------------------|----------------|
| 80°C (UL AWM 2464) | -30°C to +80°C |

Bend Radius

| Stationary Min. |
|-----------------|
| 3.25 in |

| | |
|--------------------|---------------|
| Max. Pull Tension: | 102 lbs |
| Bulk Cable Weight: | 59 lbs/1000ft |

Standards and Compliance

| | |
|---------------------------------|---|
| Environmental Suitability: | Indoor |
| Flammability / Fire Resistance: | FT4, IEC 60332-1-2 |
| NEC / UL Compliance: | CMG |
| AWM Compliance: | 2464 |
| CEC / C(UL) Compliance: | CMG |
| CPR Euroclass: | Eca |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

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| Update and Revision: | Revision Number: 0.321 Revision Date: 06-09-2020 |
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- Техническая поддержка проекта;
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