


Product: [8345](#)

RS232, Low Cap, #24-15pr, SR-PVC, O/A Foil+Braid, PVC Jkt, CMG

Product Description

Computer EIA RS-232 Cable, 15-Pair, 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
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 | No. of Elements | Size | Stranding | Material |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 15 | 24 AWG | 7x32 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Color Code |
|---------|--|----------------------|---|
| Pair(s) | SR-PVC - Polyvinyl Chloride (Semi-Rigid) | 0.0105 in (0.267 mm) | White/Blue Stripe & Blue/White Stripe, White/Orange Stripe & Orange/White Stripe, White/Green Stripe & Green/White Stripe, White/Brown Stripe & Brown/White Stripe, White/Gray Stripe & Gray/White Stripe, Red/Blue Stripe & Blue/Red Stripe, Red/Orange Stripe & Orange/Red Stripe, Red/Green Stripe & Green/Red Stripe, Red/Brown Stripe & Brown/Red Stripe, Red/Gray Stripe & Gray/Red Stripe, Black/Blue Stripe & Blue/Black Stripe, Black/Orange Stripe & Orange/Black Stripe, Black/Green Stripe & Green/Black Stripe, Black/Brown Stripe & Brown/Black Stripe, Black/Gray Stripe & Gray/Black Stripe |

Outer Shield

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

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|-------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.040 in (1.0 mm) | 0.445 in (11.3 mm) |

Overall Cable Diameter (Nominal): 0.445 in (11.3 mm)

Electrical Characteristics
Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedance | Nom. Velocity of Prop. | Max. Current |
|-----------------------|---------------------------|-------------------------------|---|-------------------------------|------------------------|--------------------------------|
| Pair(s) | 24 Ohm/1000ft (79 Ohm/km) | 30 pF/ft (98 pF/m) | 50 pF/ft (160 pF/m) | 75 Ohm | 60% | 1.1 Amps per Conductor at 25°C |
| Nom Outer Shield DCR: | | 3.2 Ohm/1000ft (10 Ohm/km) | | | | |

Voltage

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

Mechanical Characteristics
Temperature

| UL Temperature | Operating |
|--------------------|----------------------------|
| 80°C (UL AWM 2464) | -30°C to +80°C |
| Max. Pull Tension: | 200 lbs (91 kg) |
| Bulk Cable Weight: | 113 lbs/1000ft (168 kg/km) |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | UL1685 FT4 Loading |
| NEC / UL Compliance: | Article 800, CMG |
| AWM Compliance: | AWM 2464, AWM I A |
| CEC / C(UL) Compliance: | CMG |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), 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: 0.315 Revision Date: 09-07-2025 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|--------------|--------|------------|----------|--------------|----------|
| 8345 060500 | Chrome | Reel | 500 ft | 612825204718 | C |
| 8345 0601000 | Chrome | Reel | 1,000 ft | 612825204701 | C |

Footnote: C - CRATE REEL PUT-UP.

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