



Product: [9616](#)

RS232, #24-15c, 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

#### Product Overview

Suitable Applications:	RS-232 applications; Computer Communications; Low Voltage Analog signals (4-20ma, 0-10v, ...); Low Voltage Digital control (24v, ...); Line Level Audio; Panel Wiring
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#### Construction Details

##### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	15	24 AWG	7x32	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.011 in (0.28 mm)	0.044 in (1.1 mm)	Black, White, Red, Green, Orange, Blue, White/Black Stripe, Red/Black Stripe, Green/Black Stripe, Orange/Black Stripe, Blue/Black Stripe, Black/White Stripe, Red/White Stripe, Green/White Stripe, Blue/White 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	0.035 in (0.89 mm)	0.302 in (7.67 mm)

Overall Cable Diameter (Nominal):	0.302 in (7.67 mm)
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	25 Ohm/1000ft	30 pF/ft (98 pF/m)	55 pF/ft (180 pF/m)	1.1 Amps per Conductor at 25°C

##### Voltage

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

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
80°C	-30°C to +80°C

##### Bend Radius

Stationary Min.	Installation Min.
3.0 in (76 mm)	3.0 in (76 mm)

Max. Pull Tension:	112 lbs (50.8 kg)
Bulk Cable Weight:	58 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.514 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9616 060100	Chrome	Reel	100 ft	612825256526	
9616 060500	Chrome	Reel	500 ft	612825256540	C
9616 0601000	Chrome	Reel	1,000 ft	612825256533	C

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