



**Product:** [9613](#)

RS232, #24-8c, 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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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
24	7x32	TC - Tinned Copper	8

Conductor Count:	8
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#### 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

#### Outer Shield Material

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

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.24 in	0.035 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
25 Ohm/1000ft	7.3 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
30 pF/ft	55 pF/ft

#### Current

Max. Recommended Current [A]
1.5 Amps per conductor @ 25°C A

#### Voltage

UL Voltage Rating
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:	38 lbs/1000ft
Min Bend Radius/Minor Axis:	2.5 in

#### Standards

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	2464 (300 V 80°C)
CPR Euroclass:	Eca

#### 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
MII Order #39 (China RoHS):	Yes

#### Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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#### Part Number

#### Variants

Item #	Color	Putup Type	Length	UPC
9613 060100	Chrome	Reel	100 ft	612825256434
9613 060500	Chrome	Reel	500 ft	612825256458
9613 0601000	Chrome	Reel	1,000 ft	612825256441

Footnote:	C - CRATE REEL PUT-UP.
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#### History

Update and Revision:	Revision Number: 0.284 Revision Date: 04-28-2020
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