



**Product:** [9619](#)

RS232, #24-50c, 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**

<b>Conductor</b>				
Element	No. of Elements	Size	Stranding	Material
Conductor(s)	50	24 AWG	7x32	TC - Tinned Copper

<b>Insulation</b>				
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, Black/Red Stripe, White/Red Stripe, Orange/Red Stripe, Blue/Red Stripe, Red/Green Stripe, Orange/Green Stripe, Black/White/Red Stripes, White/Black/Red Stripes, Red/Black/White Stripes, Green/Black/White Stripes, Orange/Black/White Stripes, Blue/Black/White Stripes, Black/Red/Green Stripes, White/Red/Green Stripes, Red/Black/Green Stripes, Green/Black/Orange Stripes, Orange/Black/Green Stripes, Blue/White/Orange Stripes, Black/White/Orange Stripes, White/Red/Orange Stripes, Orange/White/Blue Stripes, White/Red/Blue Stripes, Black/White/Green Stripes, White/Black/Green Stripes, Red/White/Green Stripes, Green/White/Blue Stripes, Orange/Red/Green Stripes, Blue/Red/Green Stripes, Black/White/Blue Stripes, White/Black/Blue Stripes, Red/White/Blue Stripes, Green/Orange/Red Stripes, Orange/Red/Blue Stripes, Blue/Orange/Red Stripes, Black/Orange/Red Stripes

<b>Outer Shield</b>		
Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%
Braid	Tinned Copper (TC)	65%

<b>Outer Jacket</b>		
Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.045 in (1.1 mm)	0.485 in (12.3 mm)
Overall Cable Diameter (Nominal):		0.485 in (12.3 mm)

**Electrical Characteristics**

<b>Electricals</b>				
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)	0.9 Amps per Conductor at 25°C

<b>Voltage</b>	
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.
4.9 in (120 mm)	4.9 in (120 mm)

Max. Pull Tension:	320 lbs (150 kg)
Bulk Cable Weight:	172 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.496 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9619 060100	Chrome	Reel	100 ft	612825256618	C
9619 060500	Chrome	Reel	500 ft	612825256632	C
9619 0601000	Chrome	Reel	1,000 ft	612825256625	C

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