



Product: [9939](#)

RS232, #22-3c, 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, 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	Number of Element	Size	Stranding	Material
Conductor(s)	3	22 AWG	7x30	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)	0.050 in (1.3 mm)	Black, White, Red

##### 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)	0.202 in (5.13 mm)

Overall Cable Diameter (Nominal): 0.202 in (5.13 mm)

#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	14.7 Ohm/1000ft	37 pF/ft (120 pF/m)	67 pF/ft (220 pF/m)	2.8 Amps per Conductor at 25°C

##### Voltage

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

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
60°C (UL CMG);80°C (UL AWM 2464)	-30°C to +80°C

##### Bend Radius

Stationary Min.	Installation Min.

2.4 in (61 mm)	2.4 in (61 mm)
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Max. Pull Tension:	45 lbs (20 kg)
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Bulk Cable Weight:	24 lbs/1000ft
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## Standards and Compliance

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

Update and Revision:	Revision Number: 0.497 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	UPC
9939 060100	Chrome	612825264637
9939 0601000	Chrome	612825264644
9939 060500	Chrome	612825264651
9939 0605000	Chrome	612825264668

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