



**Product:** [9940](#)

RS-232, #22-4c, 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	AWG	Stranding	Material
Conductor(s)	4	22	7x30	TC - Tinned Copper

#### Insulation

Element	Material	Thickness	Color Code
Conductor(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.011 in (0.28 mm)	Black, White, Red, Green

#### Outer Shield Material

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

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.215 in

Cable Diameter (Nominal):	0.215 in (5.46 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)	14.7 Ohm/1000ft (48.2 Ohm/km)	37 pF/ft (120 pF/m)	67 pF/ft (220 pF/m)	1.8 Amps per Conductor at 25°C

Nom. Outer Shield DCR:	5 Ohm/1000ft
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#### Voltage

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

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

Stationary Min.	Installation Min.

2.6 in (66 mm) 2.6 in (66 mm)

Bulk Cable Weight: 30 lbs/1000ft (45 kg/km)

## Standards and Compliance

Environmental Suitability: Indoor (Not Riser or Plenum), Indoor

Sustainability: CA Prop 65

Flammability / Fire Resistance: UL1685 FT4 Loading, FT4, IEC 60332-1-2

NEC / UL Compliance: Article 800, CMG

AWM Compliance: 2464

CEC / C(UL) Compliance: CMG

CPR Euroclass: Eca

European Directive Compliance: EU CE Mark

## History

Update and Revision: Revision Number: 0.342 Revision Date: 07-02-2021

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