



**Product:** [9946](#)

RS-232, #22-10c, 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

Product Category:	Computer RS-232
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

### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	10	22	7x30	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in]	Color
Conductor(s)	S-R PVC - Semi-Rigid Polyvinyl Chloride	0.011	Black, White, Red, Green, Brown, Blue, Orange, Yellow, Purple, Gray

#### Outer Shield Material

Type	Material	Coverage
Tape + Braid	Alum / Poly + TC - Tinned Copper	100% + 65%

#### Outer Jacket Material

Material	Nominal Wall Thickness	Nominal Diameter
PVC - Polyvinyl Chloride	0.035 in	0.300 in

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Grnd	Max. Current
Conductor(s)	14.7 Ohm/1000ft	35 pF/ft	63 pF/ft	2.1 Amps per conductor @ 25°C A

#### Voltage

UL Voltage Rating
300 V RMS

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

Stationary Min.
3 in

## Standards and Compliance

Sustainability:	CA Prop 65 (CJ for Wire and Cable)=Yes
AWM Compliance:	2464
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark

## History

Update and Revision:	Revision Number: 0.289 Revision Date: 05-22-2020
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