



**Product:** [9540](#) 

RS232, #24-10c, SR-PVC, O/A Foil, PVC Jkt, CMG

## Product Description

Computer EIA RS-232 Cable, 24 AWG stranded (7x32) tinned copper conductors, semi-rigid PVC insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, 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	24	7x32	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in]	Color
Conductor(s)	S-R PVC - Semi-Rigid Polyvinyl Chloride	0.0105	Black, White, Red, Green, Brown, Blue, Orange, Yellow, Purple, Gray

#### Outer Shield Material

Type	Material	Coverage
Tape	Alum / Poly	100%

#### Outer Jacket Material

Material	Nominal Wall Thickness	Nominal Diameter
PVC - Polyvinyl Chloride	0.032 in	0.244 in

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Grnd	Max. Current
Conductor(s)	25 Ohm/1000ft	30 pF/ft	55 pF/ft	1.75 Amps per conductor @ 25°C ambient

#### Voltage

UL Voltage Rating
300 V

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

Stationary Min.
2.5 in

Max Recommended Pulling Tension:	55 lbs
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Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65 (CJ for Wire and Cable)=Yes
AWM Compliance:	2464
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS 2

History

Update and Revision:	Revision Number: 0.301 Revision Date: 05-22-2020
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