



**Product:** [9545](#)

RS232, #24-40c, 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

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)	40	24 AWG	7x32	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.011 in (0.28 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

#### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.040 in (1.0 mm)	0.406 in (10.3 mm)

Overall Cable Diameter (Nominal): 0.406 in (10.3 mm)

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	25 Ohm/1000ft (82 Ohm/km)	30 pF/ft (98 pF/m)	55 pF/ft (180 pF/m)	1.1 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.
4.9 in (120 mm)	4.9 in (120 mm)

Max. Pull Tension:	226 lbs (103 kg)
Bulk Cable Weight:	120 lbs/1000ft (180 kg/km)

## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
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: 0.369 Revision Date: 02-08-2022
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
9545 060100	Chrome	Reel	100 ft	612825255680
9545 060500	Chrome	Reel	500 ft	612825255703
9545 0601000	Chrome	Reel	1,000 ft	612825255697

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