

**Part Number: 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**

**Use**

Suitable Applications:	RS-232
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
24	7x32	TC - Tinned Copper	10

Total Number of Conductors:	10
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**Insulation**

Material	Nominal Wall Thickness
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.011 in

**Color Chart**

Number	Color
1	Black
2	White
3	Red
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow
9	Purple
10	Gray

**Outer Shield Material**

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	24	7x32 mm

**Outer Jacket Material**

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

**Electrical Characteristics**

**Capacitance**

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
30 pF/ft	55 pF/ft

## Construction and Dimensions

### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
25 Ohm/1000ft	18 Ohm/1000ft

### Current

Max. Recommended Current [A]
Per conductor @ 25°C: 1.75 A

### Voltage

UL Voltage Rating
300V RMS

## Applicable Standards & Environmental Programs

CEC/C(UL) Specification:	CMG
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CPR Euroclass:	Eca
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Standards

NEC Articles:	800
NEC/(UL) Specification:	CMG
UL AWM Style:	2464 (300 V 80°C)

## Flame Test

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

## Safety

UL Voltage Rating:	300 V RMS
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## Mechanical Characteristics

Operating Temp Range:	-30°C To +80°C
Bulk Cable Weight:	37(lbs/1000ft)
Max Recommended Pulling Tension:	55(lbs)
Min Bend Radius/Minor Axis:	2.5(in)

## Temperature Range

UL Temp Rating:	80°C (UL AWM Style 2464)
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## History

## Variants

Item #	Color
9540.0030	Chrome
9540.00305	Chrome
9540.00U152	Chrome
9540.00U305	Chrome
9540.01152	Chrome
9540 060100	Chrome
9540 0601000	Chrome
9540 060500	Chrome
9540 0605000	Chrome
9540 060U1000	Chrome
9540 060U500	Chrome

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