



**Product:** [9541](#)

RS232, #24-15c, 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
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
24	7x32	TC - Tinned Copper	15

Conductor Count:	15
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#### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

#### Color Chart

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White
13	Red/White
14	Green/White
15	Blue/White

#### Color Chart 2

Number
13

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Alum / Poly	Beldfoil®	100 %	TC - Tinned Copper	24	7x32

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.284 in	0.032 in

#### Electrical Characteristics

##### Conductor DCR

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

##### Capacitance

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

##### Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C: 1.75 A

Current Table Note:	10C Temperature Rise
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##### Voltage

UL Voltage Rating
300 V RMS

#### Temperature Range

UL Temp Rating:	80°C (UL AWM Style 2464)
Operating Temp Range:	-30°C To +80°C

#### Mechanical Characteristics

Bulk Cable Weight:	52 lbs/1000ft
Max Recommended Pulling Tension:	82.5 lbs
Min Bend Radius/Minor Axis:	3 in

#### Standards

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

#### Applicable Environmental and Other Programs

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
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Indoor:	Yes
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#### Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

#### Plenum/Non-Plenum

Plenum (Y/N): No

**Part Number**

**Variants**

Item #	Color	Putup Type	Length	UPC/EAN
9541.0030	Chrome	Reel	30 m	8719605022134
9541.00305	Chrome	Reel	305 m	8719605022141
9541.00U152	Chrome	UnReel	152 m	8719605022158
9541.00U305	Chrome	UnReel	305 m	8719605022165
9541.01152	Chrome	Reel	152 m	8719605022172
9541 060100	Chrome	Reel	100 ft	612825255529
9541 0601000	Chrome	Reel	1,000 ft	612825255536
9541 060500	Chrome	Reel	500 ft	612825255543
9541 0605000	Chrome	Reel	5,000 ft	612825255550
9541 060U1000	Chrome	UnReel	1,000 ft	612825255505
9541 060U500	Chrome	UnReel	500 ft	612825255512
9541.K0305	Chrome	Reel	305 m	8719605022189

Footnote: C - CRATE REEL PUT-UP.

**History**

Update and Revision: Revision Number: 0.281 Revision Date: 04-08-2020

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