



**Product:** [9539](#)

RS232, #24-9c, 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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#### Physical Characteristics (Overall)

##### Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	24	7x32	TC - Tinned Copper	9

Conductor Count:	9
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##### Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	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

##### 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 - TC

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.244 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

Max. Recommended Current [A]
1.75 Amps per conductor @ 25°C ambient

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:	33 lbs/1000ft
Max Recommended Pulling Tension:	49.5 lbs
Min Bend Radius/Minor Axis:	2.5 in

#### Dimensions (WxHxD)

Height
12.99

#### 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
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Indoor:	Yes
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#### Flammability, LSOH, 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
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#### Part Number

#### Variants

Item #	Color	Putup Type	Length	UPC/EAN
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9539.01U305	Blue	UnReel	305 m	8719605022066
9539.0030	Chrome	Reel	30 m	8719605022011
9539 060100	Chrome	Reel	100 ft	612825255406
9539.00U152	Chrome	UnReel	152 m	8719605022028
9539.01152	Chrome	Reel	152 m	8719605022042
9539.00U305	Chrome	UnReel	305 m	8719605022035
9539.01305	Chrome	Reel	305 m	8719605022059
9539 060500	Chrome	Reel	500 ft	612825255420
9539 060U500	Chrome	UnReel	500 ft	612825255390
9539 0601000	Chrome	Reel	1,000 ft	612825255413
9539 060U1000	Chrome	UnReel	1,000 ft	612825255383
9539 0605000	Chrome	Reel	5,000 ft	612825255437

Footnote:	C - CRATE REEL PUT-UP.
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## History

Update and Revision:	Revision Number: 0.303 Revision Date: 05-05-2020
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