



**Product:** [9537](#)

RS232, #24-7c, 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

### Physical Characteristics (Overall)

#### Conductor

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

Conductor Count:	7
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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

#### 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	0.209 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
33 pF/ft	65 pF/ft

#### Current

**Max. Recommended Current [A]**

Per conductor @ 25°C: 1.75 A

**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:	28 lbs/1000ft
Max Recommended Pulling Tension:	38.5 lbs
Min Bend Radius/Minor Axis:	2.25 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

**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
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**Part Number****Variants**

Item #	Color	Putup Type	Length	UPC
9537 060100	Chrome	Reel	100 ft	612825255284
9537 0601000	Chrome	Reel	1,000 ft	612825255291
9537 060500	Chrome	Reel	500 ft	612825255307
9537 0605000	Chrome	Reel	5,000 ft	612825255314
9537 060U1000	Chrome	UnReel	1,000 ft	612825255260
9537 060U500	Chrome	UnReel	500 ft	612825255277

Footnote: C - CRATE REEL PUT-UP.

**History**

Update and Revision:	Revision Number: 0.282 Revision Date: 04-08-2020
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