



**Part Number: 9535**

RS-232, #24-5c, 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	5

Total Number of Conductors:	5
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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	Brown

##### 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	0.189 in	0.032 in

#### Electrical Characteristics

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
33 pF/ft	65 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]**

1.75 Amps per conductor @ 25°C 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 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/(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:	22(lbs/1000ft)
Max Recommended Pulling Tension:	27.5(lbs)
Min Bend Radius/Minor Axis:	2(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
9535.0030	Chrome
9535.00U305	Chrome
9535.01152	Chrome
9535.01305	Chrome
9535 060100	Chrome
9535 0601000	Chrome
9535 060500	Chrome
9535 0605000	Chrome
9535 060U1000	Chrome

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