

## Part Number: 9536



RS-232, #24-6c, 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	6

Conductor Count:	6
Conductor Size:	24 AWG

##### 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
6	Blue

##### Outer Shield Material

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

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.209 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	Nom. Capacitance Conductor to Shield
33 pF/ft	65 pF/ft	12.8 pF/m

Shielding:

Foil(s) or Copper Tape(s)

##### High Frequency (Nominal/Typical)

Nom. Insertion Loss
12.7 dB/100m

## Current

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

Current Table Note:

10C Temperature Rise

## 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:	24 lbs/1000ft
Max Recommended Pulling Tension:	33 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 Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
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
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Footnote
9536.001525	Chrome	
9536.0030	Chrome	
9536.00U152	Chrome	
9536.00U305	Chrome	
9536.01152	Chrome	
9536.01305	Chrome	
9536 060100	Chrome	C
9536 0601000	Chrome	C
9536 060500	Chrome	C

9536 0605000	Chrome	
9536 060U1000	Chrome	
9536 060U500	Chrome	

Footnote:

C - CRATE REEL PUT-UP.

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