



**Part Number: 9533**

RS-232, #24-3c, SR-PVC, O/A Foil, PVC Jkt, CMG

**Product Description**

Computer EIA RS-232 Cable, 24 AWG stranded (7x32) tinned copper conductors, 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	3

Conductor Count:	3
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**Insulation**

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

**Color Chart**

Number	Color
1	Black
2	White
3	Red

**Outer Shield Material**

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

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.162 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]
1.75 Amps per conductor @ 25°C 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:	16 lbs/1000ft
Max Recommended Pulling Tension:	16.5 lbs
Min Bend Radius/Minor Axis:	1.75 in

## Standards

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

## 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	UPC	Length	Footnote
9533.0030	Chrome		30 m	
9533.00U152	Chrome		152 m	
9533.00U305	Chrome		305 m	
9533.01152	Chrome		152 m	
9533.01305	Chrome		305 m	
9533 060100	Chrome	612825255048	100 ft	
9533 0601000	Chrome	612825255055	1,000 ft	C
9533 060500	Chrome	612825255062	500 ft	
9533 0605000	Chrome	612825255079	5,000 ft	
9533 060U1000	Chrome	612825255024	1,000 ft	
9533 060U500	Chrome	612825255031	500 ft	

Footnote: C - CRATE REEL PUT-UP.

## History

Update and Revision:	Revision Number: 0.292 Revision Date: 08-22-2019
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