



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

Total Number of Conductors: 6

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

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

Construction and Dimensions

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
25 Ohm/1000ft	18 Ohm/1000ft

High Frequency (Nominal/Typical)

Nom. Insertion Loss

12.7 dB/100m

High Freq

Max. Insertion Loss (Attenuation)	Min. ACR [dB]	Min. PSACRF (PSELFEXT) [dB]
12.8 dB/100m		
	12.8 dB	
	12.8 dB	
		12.8 dB
		12.8 dB
		12.7 dB

Current

Max. Recommended Current [A]

1.75 Amps per conductor @ 25°C A

Current Table Note:

10C Temperature Rise

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 Articles:	800
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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Suitability

Suitability - Indoor:	Yes
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Mechanical Characteristics

Operating Temp Range:	-30°C To +80°C
Bulk Cable Weight:	24(lbs/1000ft)
Max Recommended Pulling Tension:	33(lbs)

Min Bend Radius/Minor Axis:	2.25(in)
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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
9536.001525	Chrome
9536.0030	Chrome
9536.00U152	Chrome
9536.00U305	Chrome
9536.01152	Chrome
9536.01305	Chrome
9536 060100	Chrome
9536 0601000	Chrome
9536 060500	Chrome
9536 0605000	Chrome
9536 060U1000	Chrome
9536 060U500	Chrome

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