



Part Number: 9538

RS232, #24-8c, 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

Use

Suitable Applications:	RS-232
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
24	7x32	TC - Tinned Copper	8

Total Number of Conductors:	8
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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
8	Yellow

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	0.224 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]
Per conductor @ 25°C: 1.75 A

Current Table Note:	10C Temperature Rise
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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 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
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:	31(lbs/1000ft)
Max Recommended Pulling Tension:	44(lbs)
Min Bend Radius/Minor Axis:	2.25(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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Variants

Item #	Color
9538.0030	Chrome
9538.00U152	Chrome
9538.00U305	Chrome
9538.01152	Chrome
9538.01305	Chrome
9538 060100	Chrome
9538 0601000	Chrome
9538 060500	Chrome
9538 0605000	Chrome
9538 060U1000	Chrome
9538 060U500	Chrome

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