



Product: [9637](#)

RS-232, #28-25c, SR-PVC, O/A Foil+Braid, PVC Jkt, CL2

Product Description

Computer EIA RS-232 Cable, 28 AWG stranded (7x36) tinned copper conductors, semi-rigid PVC insulation, overall Beldfoil® (100% Coverage) + tinned copper braid shield (65% Coverage), PVC jacket.

Technical Specifications

Product Overview

Suitable Applications:	rs-232 applications; computer communications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; panel wiring
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	25	28 AWG	7x36	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.010 in (0.25 mm)	0.035 in (0.89 mm)	Black, White, Red, Green, Orange, Blue, White/Black, Red/Black, Green/Black, Orange/Black, Blue/Black, Black/White, Red/White, Green/White, Blue/White, Black/Red, White/Red, Orange/Red, Blue/Red, Red/Green, Orange/Green, Black/White/Red, White/Black/Red, Red/Black/White, Green/Black/White

Outer Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%
Braid	Tinned Copper (TC)	66%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.305 in

Overall Cable Diameter (Nominal):	0.305 in
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Electrical Characteristics

Electricals			
Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
70.7 Ohm/1000ft	30 pF/ft (98 pF/m)	50 pF/ft (160 pF/m)	0.15 Amps per Conductor at 25°C

Voltage
UL Voltage Rating
300 V

Mechanical Characteristics

Temperature	
UL Temperature	Operating
80°C	-20°C To +80°C

Bend Radius

Stationary Min.	Installation Min.
3.05 in (77.5 mm)	3.05 in

Max. Pull Tension:	52.5 lbs (23.8 kg)
Bulk Cable Weight:	54 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1685 UL Loading
NEC / UL Compliance:	Article 725, CL2
AWM Compliance:	AWM 2464, AWM I B
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.358 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9637 0601000	Chrome	Reel	1,000 ft	612825256854	C

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