




Product: [9942](#) 

RS-232, #22-6c, SR-PVC, O/A Foil+Braid, PVC Jkt, CMG

Product Description

Computer EIA RS-232 Cable, 22 AWG stranded (7x30) 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	Number of Element	AWG	Stranding	Material
Conductor(s)	6	22	7x30	TC - Tinned Copper

Insulation

Element	Material	Thickness [in]	Color Code
Conductor(s)	S-R PVC - Semi-Rigid Polyvinyl Chloride	0.011	Black, White, Red, Green, Brown, Blue

Outer Shield Material

Type	Material	Coverage
Tape + Braid	Alum / Poly + Tinned Copper (TC)	100% + 65%

Outer Jacket Material

Material	Thickness	Diameter
PVC - Polyvinyl Chloride	0.035 in	0.245 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	14.7 Ohm/1000ft	35 pF/ft	63 pF/ft	1.5 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMG), 300 V (UL AWM 2464)

Mechanical Characteristics

Temperature

UL Rating	Operating
60°C (UL CMG);80°C (UL AWM 2464)	-30°C to +80°C

Bend Radius

Stationary Min.
2.5 in

Max. Pull Tension:	74.5 lbs
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Bulk Cable Weight:	39 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	2464
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark

History

Update and Revision:	Revision Number: 0.295 Revision Date: 06-05-2020
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