



Product: [9935](#) 

RS232/423 Low Cap, #24-10c, FPO, O/A Foil+Braid, PVC Jkt, CM

Product Description

Computer EIA RS-232/423 Cable, 24 AWG stranded (7x32) tinned copper conductors, Datalene® insulation, overall Beldfoil® (100% coverage) + tinned copper braid shield (65% coverage), drain wire, PVC jacket.

Technical Specifications

Product Overview

Product Category:	Computer RS-232/423
Suitable Applications:	RS-232 Extended Distance & RS-423 Applications; Computer Communications; Low Voltage Analog Signals (4-20mA, 0-10V, ...); Low Voltage Digital Control (24V, ...); Line Level Audio; Panel Wiring

Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	10	24	7x32	TC - Tinned Copper

Insulation

Element	Material	Thickness [in]	Color
Conductor(s)	PE - Polyethylene (Foam)	0.0125	Black, White, Red, Green, Brown, Blue, Orange, Yellow, Purple, Gray

Outer Shield Material

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

Outer Jacket Material

Material	Nominal Wall Thickness	Nominal Diameter
PVC - Polyvinyl Chloride	0.035 in	0.290 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Grnd	Nom. Velocity of Prop.	Max. Current
Conductor(s)	24 Ohm/1000ft	12 pF/ft	22 pF/ft	78 %	1.5 Amps per conductor @ 25°C A

Voltage

UL Voltage Rating
30 V (UL AWM 2919), 300 V (CM)

Mechanical Characteristics

Temperature

UL Rating	Operating
80°C (UL AWM 2919)	-30°C to +80°C

Bend Radius

Stationary Min.

3.25 in

Standards and Compliance

Sustainability:	CA Prop 65 (CJ for Wire and Cable)=Yes
AWM Compliance:	2919
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS 2

Product Notes

Notes:	Datalene® insulation features include a low dielectric constant and a low dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight.
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History

Update and Revision:	Revision Number: 0.317 Revision Date: 05-22-2020
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