



**Product:** <u>1423A</u> ☑

RS232/422 Low Cap, #24-6pr, FPE, O/A Foil, PVC Jkt, CM,  $100\Omega$ 

## **Product Description**

Computer EIA RS-232/422 Cable, 6-Pair, 24 AWG stranded (7x32) tinned copper conductors, Datalene® insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

# **Technical Specifications**

### **Product Overview**

Suitable Applications:	RS-232 extended distance applications; RS-423 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
Pair(s)	6	24	7x32	TC - Tinned Copper

### Insulation

Element	Material	Thickness [in]	Color Code
Pair(s)	PE - Polyethylene (Foam)		White/Blue Stripe & Blue/White Stripe, White/Orange Stripe & Orange/White Stripe, White/Green Stripe & Green/White Stripe, White/Brown Stripe & Brown/White Stripe, White/Gray Stripe & Gray/White Stripe, Red/Blue Stripe & Blue/Red Stripe

## Outer Shield Material

T	уре	Material	Coverage	Drainwire Type
Т	ape	Alum / Poly	100%	24 AWG (7x32) TC

#### **Outer Jacket Material**

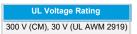
Material	Thickness	Diameter
PVC - Polyvinyl Chloride	0.035 in	0.319 in

### **Electrical Characteristics**

### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Pair(s)	24 Ohm/1000ft	13 pF/ft	22 pF/ft	100 Ohm	78%	1.8 Amps per conductor at 25°C

### Voltage



### **Mechanical Characteristics**

### Temperature



### Bend Radius



Max. Pull Tension:	66 lbs
Bulk Cable Weight:	44 lbs/1000ft

### **Standards and Compliance**

Flammability / Fire Resistance:	UL1685 UL Loading
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	2919
CEC / C(UL) Compliance:	СМ
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

#### **Product Notes**

Notes:	Datalene® insulation features include low dielectric constant and a 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: 0.273 Revision Date: 06-05-2020

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