



**Product:** <u>8355</u> ☑

RS232, Low Cap, #24-25pr, SR-PVC, O/A Foil+Braid, PVC Jkt, CMG

## **Product Description**

Computer EIA RS-232 Cable, 25-Pair, 24 AWG stranded (7x32) 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 extended distance applications; computer communications; low voltage analog signals (4-20ma, 0-10v,); low voltage panel wiring	low voltage digital control (24v,); line level audio;
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### **Construction Details**

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	25	24	7x32	TC - Tinned Copper

#### Insulation

Element	Material	Thickness	Color Code
Pair(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.0105 in	White/Blue Stripe & Blue/White Stripe, White/Orange Stripe & Orange/White Stripe, White/Green Stripe & Green/White Stripe, White/Brown Stripe & Brown/White Stripe, Red/Brown Stripe & Gray/White Stripe, Red/Blue Stripe & Blue/Red Stripe, Red/Orange Stripe & Orange/Red Stripe, Red/Green Stripe & Green/Red Stripe, Red/Brown Stripe & Blue/Black Stripe, Black/Brown Stripe & Black/Gray Stripe & Gray/Red Stripe, Black/Brown Stripe & Black/Gray Stripe, Stripe, Black/Gray Stripe, Yellow/Blue Stripe, Black/Gray Stripe, Yellow/Brown Stripe, Yellow/Green Stripe & Gray/Yellow Stripe, Yellow/Brown Stripe & Gray/Yellow Stripe, Yellow/Gray Stripe & Gray/Yellow Stripe, Purple/Blue Stripe, Purple/Brown Stripe & Gray/Purple Stripe, Purple/Gray Stripe, Purple/Brown Stripe & Brown/Purple Stripe, Purple/Gray Stripe, Stripe & Gray/Purple Stripe, Purple/Gray Stripe & Gray/Purple Stripe

## Outer Shield Material

Shield Type	Material	Coverage
Tape + Braid	Bi-Laminate (Alum+Poly) + Tinned Copper (TC)	100% + 65%

### **Outer Jacket Material**

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chlorid	e 0.045 in	0.550 in
Cable Diameter (Nomin	al):	0.550 in

### **Electrical Characteristics**

### Electricals

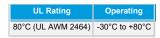
Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Pair(s)	24 Ohm/1000ft	30 pF/ft	50 pF/ft	75 Ohm	60%	1.1 Amps per Conductor at 25°C
Nom Out	er Shield DCR:	2.5 Ohm/1000ft				

# Voltage

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

# **Mechanical Characteristics**

# Temperature



#### **Bend Radius**

Stationary	Min.
5.5 in	

Bulk Cable Weight: 173 lbs/1000ft

### **Standards and Compliance**

Environmental Suitability:	Indoor
Flammability / Fire Resistance:	UL1685 FT4 Loading, FT4
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	2464
CEC / C(UL) Compliance:	CMG
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)

#### History

Update and Revision:	Revision Number: 0.291 Revision Date: 02-16-2021	

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