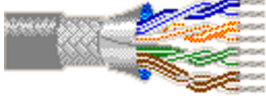


**Part Number: 8337**



RS232, Low Cap, #24-7pr, SR-PVC, O/A Foil+Braid, PVC Jkt, CMG

## Product Description

Computer EIA RS-232 Cable, 24 AWG stranded (7x32) tinned copper conductors, semi-rigid PVC insulation, multi-paired cable with overall Beldfoil® (100% coverage) + tinned copper braid shield (65% coverage), PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
24	7x32	TC - Tinned Copper	7

Conductor Count:	14
Conductor Size:	24 AWG

#### Insulation

Material	Nominal Wall Thickness
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.011 in

#### Color Chart

Number	Color
1	White/Blue & Blue/White
2	White/Orange & Orange/White
3	White/Green & Green/White
4	White/Brown & Brown/White
5	White/Gray & Gray/White
6	Red/Blue & Blue/Red
7	Red/Orange & Orange/Red

#### Outer Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Aluminum Foil-Polyester Tape	Beldfoil®	100 %
Braid	2	TC - Tinned Copper		65 %

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.321 in	0.035 in

### Electrical Characteristics

#### Conductor DCR

Max. Outer Shield DCR	Nominal Conductor DCR
4.7 Ohm/1000ft	24 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
30 pF/ft	50 pF/ft
Shielding:	Foil + Braid(s)

#### Impedance

**Nominal Characteristic Impedance**

75 Ohm

**Delay****Max. Delay Skew** | **Nominal Velocity of Propagation (VP) [%]**

60 ns/100m

60 %

**Current****Max. Recommended Current [A]**

1.6 Amps per conductor @ 25°C A

**Voltage****UL Voltage Rating**

300V RMS

**Temperature Range**

UL Temp Rating: 80°C (UL AWM Style 2464)

Operating Temp Range: -30°C To +80°C

**Mechanical Characteristics**

Bulk Cable Weight: 60 lbs/1000ft

Min Bend Radius/Minor Axis: 3.25 in

**Standards**

NEC/(UL) Specification: CMG

CEC/C(UL) Specification: CMG

UL AWM Style: 2464 (300 V 80°C)

CSA AWM Specification: AWM I A

CPR Euroclass: Eca

**Applicable Environmental and Other Programs**

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-10-01

CA Prop 65 (CJ for Wire &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

**Flammability, LSOH, Toxicity Testing**

UL Flammability: UL1685 FT4 Loading

CSA Flammability: FT4

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Part Number****Variants**

Item #	Color	Footnote
8337 060100	CHROME	
8337 0601000	CHROME	C
8337 060500	CHROME	

Footnote: C - CRATE REEL PUT-UP.

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