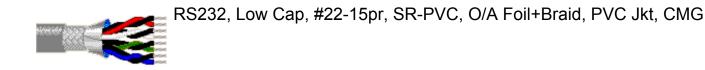


# Part Number: 8315



### **Product Description**

Computer EIA RS-232 Cable, 22 AWG stranded (7x30) tinned copper conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil® (100% coverage) + tinned copper braid shield (65% coverage), PVC jacket.

### **Technical Specifications**

# **Physical Characteristics (Overall)**

Conductor	
oonaaotoi	

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	15
Condu	ctor Count:		
Condu	ictor Size:		

### Insulation

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

#### Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
8	Red & White
9	Red & Green
10	Red & Blue
11	Red & Yellow
12	Red & Brown
13	Red & Orange
14	Green & White
15	Green & Blue

### **Outer Shield Material**

Туре	Layer	Material	Material Trade Name	Coverage [%]
Таре	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	0.502 in	0.04 in

### **Electrical Characteristics**

#### Conductor DCR

Nominal Conductor DCR Nominal Outer Shield DCR

3.8 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
35 pF/ft	63 pF/ft
Shielding:	Foil + Braid(s)

#### Delay

Max. Delay Skew	Nominal Velocity of Propagation (VP) [%]
60 ns/100m	60 %

#### Current

Max. Recommended Current [A]

1.5 Amps per conductor @ 25°C A

### Voltage

UL Voltage Rating

300 V 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:	157 lbs/1000ft
Max Recommended Pulling Tension:	300 lbs
Min Bend Radius/Minor Axis:	5.25 in

### Standards

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	2464 (300 V 80°C)
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 & Cable):	Yes
MII Order #39 (China RoHS):	Yes

# Flammability, LS0H, Toxicity Testing

CSA Flammability: FT4
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No

# Plenum/Non-Plenum

Plenum (Y/N):

### Part Number

#### Variants

Item #	Color	Footnote
8315 060100	Chrome	
8315 0601000	Chrome	С
8315 060500	Chrome	С
Footnote:		

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