



**Part Number: 9945**

**RS-232, #22-9c, SR-PVC, O/A Foil+Braid, PVC Jkt, CMG**

## Product Description

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

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	9

Conductor Count:	9
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#### Insulation

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

#### Color Chart

Number	Color
1	Black
2	White
3	Red
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow
9	Purple

#### 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	0.28 in	0.035 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
14.7 Ohm/1000ft	5.1 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
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35 pF/ft	63 pF/ft
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## High Freq

Min. ACRF (ELFEXT) [dB]
20.7 dB

## Current

Max. Recommended Current [A]
2.1 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:	53 lbs/1000ft
Min Bend Radius/Minor Axis:	3 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 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

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4

## Part Number

Plenum (Y/N):	No
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## Variants

Item #	Color
9945 060100	Chrome
9945 0601000	Chrome
9945 060500	Chrome
9945 0605000	Chrome

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