



# Product: <u>9537</u> ☑

# RS232, #24-7c, SR-PVC, O/A Foil, PVC Jkt, CMG

# **Product Description**

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

# **Technical Specifications**

## **Product Overview**

Suitable Applications:	RS-232 Applications; Computer Communications; Low Voltage Analog Signals (4-20mA, 0-10V,); Low Voltage Digital Control (24V,); Line Level Audio; Panel Wiring
Construction Details	

#### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	7	24 AWG	7x32	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.011 in (0.28 mm)	0.044 in (1.1 mm)	Black, White, Red, Green, Brown, Blue, Orange

#### **Outer Shield**

Shield Type	Material	Coverage	Drainwire Type
Таре	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

## Outer Jacket

Material	Nom. Thickness	Nom. Diameter		
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.209 in (5.31 mm)		
Overall Cable Diameter (Nominal): 0.209 in (5.31 mm)				

## **Electrical Characteristics**

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	25 Ohm/1000ft	33 pF/ft (110 pF/m)	65 pF/ft (210 pF/m)	1.5 Amps per Conductor at 25°C

# Voltage

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

# **Mechanical Characteristics**

#### Temperature

UL Temperature	Operating
60°C (UL CMG);80°C (UL AWM 2464)	-30°C to +80°C

#### Bend Radius

Stationary Min.	Installation Min.
2.5 in (64 mm)	2.5 in (64 mm)

Max. Pull Tension:	44 lbs (20 kg)
Bulk Cable Weight:	28 lbs/1000ft

# **Standards and Compliance**

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Environmental Sultability.	
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## **History**

Update and Revision:

Revision Number: 0.523 Revision Date: 04-19-2023

#### **Part Numbers**

#### Variants

ltem #	Color	Putup Type	Length	UPC	Footnote
9537 060100	Chrome	Reel	100 ft	612825255284	С
9537 060500	Chrome	Reel	500 ft	612825255307	С
9537 060U500	Chrome	UnReel	500 ft	612825255277	
9537 0601000	Chrome	Reel	1,000 ft	612825255291	С
9537 060U1000	Chrome	UnReel	1,000 ft	612825255260	
9537 0605000	Chrome	Reel	5,000 ft	612825255314	С

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