



Product: [9515](#)



RS232, #24-15pr, SR-PVC, O/A Foil, PVC Jkt, CMG, 75Ω

Product Description

Computer EIA RS-232 Cable, 24 AWG stranded (7x32) tinned copper conductors, semi-rigid PVC insulation, 15 twisted pairs, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire (continued), 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
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	15	24 AWG	7x32	TC - Tinned Copper

Insulation

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

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.034 in (0.86 mm)	0.417 in (10.6 mm)

Overall Cable Diameter (Nominal): 0.417 in (10.6 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Velocity of Prop.	Max. Current
Pair(s)	28.8 Ohm/1000ft	30 pF/ft (98 pF/m)	50 pF/ft (160 pF/m)	60%	1.96 Amps per Conductor at 25°C

Voltage

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

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-30°C to +80°C

Bend Radius

Stationary Min.	Installation Min.

4.2 in (110 mm)	4.2 in (110 mm)
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Max. Pull Tension:	171 lbs (77.6 kg)
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Bulk Cable Weight:	85 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor
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Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4
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CPR Compliance:	CPR Euroclass: Eca
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NEC / UL Compliance:	Article 800, CMG
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AWM Compliance:	AWM 2464, AWM I/II A
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CEC / C(UL) Compliance:	CMG
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European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
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UK Regulation Compliance:	UKCA Mark
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APAC Compliance:	China RoHS II (GB/T 26572-2011)
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History

Update and Revision:	Revision Number: 0.477 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9515 060100	Chrome	Reel	100 ft	612825254799
9515 060500	Chrome	Reel	500 ft	612825254812
9515 0601000	Chrome	Reel	1,000 ft	612825254805

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