



Product: <u>9680</u> ☑

RS232/422 Low Cap, #24-3pr, PE, O/A Foil, PVC Jkt, CM, 100Ω

Product Description

Computer EIA RS-232/422 Cable, 3 Pair, 24 AWG stranded (7x32) tinned copper conductors, polyethylene insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

Technical Specifications

Product Overview

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	3	24 AWG	7x32	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Pair(s)	PE - Polyethylene	0.016 in (0.41 mm)	White/Blue Stripe & Blue/White Stripe, White/Orange Stripe & Orange/White Stripe, White/Green Stripe & Green/White Stripe

Outer Shield

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

Outer Jacket

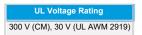
Material	Nom. Thickness Nom. Diame
PVC - Polyvinyl Chloride	0.035 in (0.89 mm) 0.282 in (7.16
Overall Cable Diameter (Nominal):	0.282 in (7.16 mm)

Electrical Characteristics

Electricals

Eleme	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Pair(s)	24 Ohm/1000ft (79 Ohm/km)	15.5 pF/ft (50.9 pF/m)	27.5 pF/ft (90.2 pF/m)	100 Ohm	66%	2.1 Amps per Conductor at 25°C

Voltage



Mechanical Characteristics

Temperature



Bend Radius

Stationary Min.	Installation Min.
2.8 in (71 mm)	2.8 in (71 mm)

Max. Pull Tension:	33 lbs
Bulk Cable Weight:	33 lbs/1000ft (49 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor	
Flammability / Reaction to Fire:	UL1685 UL Loading, IEC 60332-1-2	
CPR Compliance:	CPR Euroclass: Eca	
NEC / UL Compliance:	Article 800, CM	
AWM Compliance:	2919	
CEC / C(UL) Compliance:	CM	
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)	
APAC Compliance:	China RoHS II (GB/T 26572-2011)	

History

Update and Revision:	Revision Number: 0.326 Revision Date: 12-15-2021

Variants

Item #	Color	Putup Type	Length	UPC
9680 060500	Chrome	Reel	500 ft	612825256939
9680 0601000	Chrome	Reel	1,000 ft	612825256922
9680 0605000	Chrome	Reel	5,000 ft	612825256946

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