

Product: 9501

RS-232, #24-1pr, 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, 1 twisted pair, 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	Number of Element	Size	Stranding	Material
Pair(s)	1	24 AWG	7x32	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Pair(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.011 in (0.28 mm)	Black & Red

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	0.032 in (0.81 mm)	0.156 in (3.96 mm)

Overall Cable Diameter (Nominal):	0.156 in (3.96 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)	24 Ohm/1000ft (79 Ohm/km)	40 pF/ft (130 pF/m)	74 pF/ft (240 pF/m)	60%	2.2 Amps per Conductor at 25ºC

Voltage

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

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
1.6 in (41 mm)	1.6 in (41 mm)

Max. Pull Tension:	17 lbs (7.7 kg)
Bulk Cable Weight:	12 lbs/1000ft (18 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, FT1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2464, AWM I/II A
CEC / C(UL) Compliance:	CMG
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)
Plenum Number:	88641, 82641

History

Update and Revision:	Revision Number: 0.373 Revision Date: 02-08-2022

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN
9501.0030	Chrome	Reel	30 m	8719605020741
9501 060100	Chrome	Reel	100 ft	612825254065
9501.00U152	Chrome	UnReel	152 m	8719605020758
9501.01152	Chrome	Reel	152 m	8719605020772
9501.00U305	Chrome	UnReel	305 m	8719605020765
9501.01305	Chrome	Reel	305 m	8719605020789
9501 060500	Chrome	Reel	500 ft	612825254096
9501 060U500	Chrome	UnReel	500 ft	612825254058
9501 0601000	Chrome	Reel	1,000 ft	612825254072
9501 060U1000	Chrome	UnReel	1,000 ft	612825254041
9501 0605000	Chrome	Reel	5,000 ft	612825254102
9501 06010000	Chrome	Reel	10,000 ft	612825254089

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