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Product: 9943

RS-232, #22-7c, 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

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
Conductor(s)	7	22 AWG	7x30	TC - Tinned Copper

Insulation

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

Outer Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%
Braid	Tinned Copper (TC)	65%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.245 in (6.22 mm)

Overall Cable Diameter (Nominal):	0.245 in (6.22 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	14.7 Ohm/1000ft (48.2 Ohm/km)	35 pF/ft (110 pF/m)	20.5 pF/m (6.25 pF/ft)	63 pF/ft (210 pF/m)	1.5 Amps per Conductor at 25ºC

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.
2.9 in (74 mm)

Bulk Cable Weight:	43 lbs/1000ft (64 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark

History

Update and Revision:	Revision Number: 0.355 Revision Date: 02-08-2022

Part Numbers

Variants

Item #	Color	UPC
9943 060100	Chrome	612825264798
9943 0601000	Chrome	612825264804
9943 060500	Chrome	612825264811
9943 0605000	Chrome	612825264828

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