



Product: [9745](#)

Electronic, 3 Pr #22 Str TC, PVC Ins, PVC Jkt, CMG

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Product Description

Electronic, 3 Pair 22AWG (7x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	3	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.050 in (1.3 mm)	Black & Red, Black & White, Black & Green

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.245 in (6.22 mm)

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

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Pair(s)	18.2 Ohm/1000ft	25.5 pF/ft (83.7 pF/m)	1.9 Amps per Conductor at 20°C

Voltage

UL Voltage Rating
300 V (CMG), 150 V (AWM 2576)

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
2.4 in (61 mm)	2.4 in (61 mm)

Max. Pull Tension:	55 lbs (25 kg)
Bulk Cable Weight:	32 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2576
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, 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: 0.503 Revision Date: 12-22-2023
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Part Numbers

Variants

Item #	Color	UPC	Footnote
9745 0601000	Chrome	612825258100	C
9745 060500	Chrome	612825258117	C
9745 060U1000	Chrome	612825258087	
9745 060U500	Chrome	612825258094	

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