



Product: [9433](#)

Electronic, 40 C #22 Str TC, PVC Ins, PVC Jkt, CMG

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Product Description

Electronic, 40 Conductor 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 control (24v, ...); line level audio; voice communications; panel wiring
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	40	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.050 in (1.3 mm)	Black, White, Red, Green, Orange, Blue, White/Black Stripe, Red/Black Stripe, Green/Black Stripe, Orange/Black Stripe, Blue/Black Stripe, Black/White Stripe, Red/White Stripe, Green/White Stripe, Blue/White Stripe, Black/Red Stripe, White/Red Stripe, Orange/Red Stripe, Blue/Red Stripe, Red/Green Stripe, Orange/Green Stripe, Black/White/Red Stripes, White/Black/Red Stripes, Red/Black/White Stripes, Green/Black/White Stripes, Orange/Black/White Stripes, Blue/Black/White Stripes, Black/Red/Green Stripes, White/Red/Green Stripes, Red/Black/Green Stripes, Green/Black/Orange Stripes, Orange/Black/Green Stripes, Blue/White/Orange Stripes, Black/White/Orange Stripes, White/Red/Orange Stripes, Orange/White/Blue Stripes, White/Red/Blue Stripes, Black/White/Green Stripes, White/Black/Green Stripes, Red/White/Green Stripes

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.040 in (1.0 mm)	0.455 in (11.6 mm)

Overall Cable Diameter (Nominal): 0.455 in (11.6 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	15.6 Ohm/1000ft	34 pF/ft (110 pF/m)	1.2 Amps per Conductor at 25°C

Voltage

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

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
4.6 in (120 mm)	4.6 in (120 mm)

Max. Pull Tension:	364 lbs (165 kg)
Bulk Cable Weight:	151 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), 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 Directive 2011/65/EU (RoHS 2)
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.497 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	UPC	Footnote
9433 060100	Chrome	612825245773	C
9433 0601000	Chrome	612825245780	C
9433 0603000	Chrome	612825245797	C
9433 060500	Chrome	612825245803	C
9433 0605000	Chrome	612825245810	C Z

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