



Product: [9462](#)

Electronic, 2 C #22 Str TC, PVC Ins, OS, PVC Jkt, CMG

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Product Description

Electronic, 2 Conductor 22AWG (7x30) Tinned Copper, PVC Insulation, Overall Beldfoil® Shield, 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
Conductor(s)	2	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.0155 in (0.394 mm)	0.060 in (1.5 mm)	Black, Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type	Notes
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC	Foil-Out

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.194 in (4.93 mm)

Overall Cable Diameter (Nominal):	0.194 in (4.93 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Conductor(s)	16 Ohm/1000ft	50 pF/ft (160 pF/m)	90 pF/ft (300 pF/m)	36 Ohm	3 Amps per Conductor at 25°C

Voltage

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

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-30°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
1.9 in (48 mm)	1.9 in (48 mm)

Max. Pull Tension:	27 lbs (12 kg)
Bulk Cable Weight:	19 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Sustainability:	CA Prop 65
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 2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), 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: 0.528 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	UPC	Footnote
9462 060100	Chrome	612825253464	
9462 0601000	Chrome	612825253471	C
9462 060500	Chrome	612825253488	
9462 0605000	Chrome	612825253495	C Z
9462 060U1000	Chrome	612825253440	
9462 060U500	Chrome	612825253457	

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