



**Product:** [8442](#)

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

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### Product Description

Electronic, 2 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	Number of Element	AWG	Stranding	Material
Conductor(s)	2	22	7x30	TC - Tinned Copper

##### Insulation

Element	Material	Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.016 in	Black, Red

##### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.025 in	0.170 in

Cable Diameter (Nominal):	0.170 in
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	15.6 Ohm/1000ft	30 pF/ft	2.9 Amps per Conductor at 25°C

##### Voltage

UL Voltage Rating
300 V (CMG)

#### Mechanical Characteristics

##### Temperature

UL Rating	Operating
80°C (UL AWM 2576)	-20°C to +80°C

##### Bend Radius

Stationary Min.	Installation Min.
1.75 in	1.7 in

Max. Pull Tension:	18 lbs
Bulk Cable Weight:	15 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Fire Resistance:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMG
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
Plenum Number:	88442, 82442

## History

Update and Revision:	Revision Number: 0.344 Revision Date: 09-30-2020
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