



**Product:** [8749](#)

Electronic, 15 Pr #22 Str TC, PVC Ins, PVC Jkt, CMG

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## Product Description

Electronic, 15 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	Number of Element	AWG	Stranding	Material
Pair(s)	15	22	7x30	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in]	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.011	Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown, Black & Orange, Red & White, Red & Green, Red & Blue, Red & Yellow, Red & Brown, Red & Orange, Green & White, Green & Blue

#### Outer Jacket Material

Material	Thickness	Diameter
PVC - Polyvinyl Chloride	0.040 in	0.440 in

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Pair(s)	14.7 Ohm/1000ft	25.5 pF/ft	1.4 Amps per Conductor at 20°C

#### Voltage

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

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

Stationary Min.
4.5 in

Max. Pull Tension:	273 lbs
Bulk Cable Weight:	114 lbs/1000ft

### Standards and Compliance

Flammability / Fire Resistance:	UL1685 FT4 Loading, FT4
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	2576
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.272 Revision Date: 06-09-2020
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