



Product: [8748](#)

Electronic, 9 Pr #22 Str TC, PVC Ins, PVC Jkt, CMG

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Product Description

Electronic, 9 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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	9

Conductor Count:	18
Total Number of Pairs:	9

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
8	Red & White
9	Red & Green

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.389 in	0.037 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
14.7 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

25.5 pF/ft

Current

Max. Recommended Current [A]

1.4 Amps per conductor @ 20°C

Voltage

UL Description	UL Voltage Rating
UL AWM Style 2576	150 V RMS UL AWM Style
CMG	300 V RMS

Temperature Range

UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	77 lbs/1000ft
Min Bend Radius/Minor Axis:	4 in

Standards

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2576 (150 V 80°C)
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	150 V RMS UL AWM Style

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8748 060100	Chrome	Reel	100 ft	612825214991
8748 0601000	Chrome	Reel	1,000 ft	612825215004

Footnote: C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.292 Revision Date: 04-28-2020
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