



Product: [8444](#)

Electronic, 4 C #22 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 4 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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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	22	7x30	TC - Tinned Copper	4

Conductor Count:	4
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Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	PVC - Polyvinyl Chloride	0.011 in

Color Chart

Color
Black
White
Red
Green

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.185 in	0.032 in

Construction and Dimensions

Cabling

Lay Direction	Twists
Left Hand	4.4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
15.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
34 pF/ft

Inductance

Nominal Inductance
0.17 µH/ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	2.4 Amps per conductor @ 25°C ambient

Voltage

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

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	21 lbs/1000ft
Max Recommended Pulling Tension:	35 lbs
Min Bend Radius/Minor Axis:	2 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	2576
CSA AWM Specification:	FT4
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 2015/863/EU:	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

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V (CMG), 150 V UL AWM 2576)

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	88444, 82444

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8444 060100	Chrome	Reel	100 ft	612825207405
8444 060500	Chrome	Reel	500 ft	612825207429
8444 060U500	Chrome	UnReel	500 ft	612825207399

8444 0601000	Chrome	Reel	1,000 ft	612825207412
8444 060U1000	Chrome	UnReel	1,000 ft	612825207382
8444 0605000	Chrome	Reel	5,000 ft	612825207436

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.298 Revision Date: 05-19-2020
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