



REPRESENTATIVE IMAGE

**Product:** [8444](#)

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

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**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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**Construction Details**

**Conductor**

Element	Number of Element	Size	Stranding	Material
Conductor(s)	4	22 AWG	7x30	TC - Tinned Copper

**Insulation**

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	Black, White, Red, Green

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.185 in (4.70 mm)

Overall Cable Diameter (Nominal): 0.185 in (4.70 mm)

**Electrical Characteristics**

**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	15.6 Ohm/1000ft (51.2 Ohm/km)	34 pF/ft (110 pF/m)	2.4 Amps per Conductor at 25°C

**Voltage**

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

**Mechanical Characteristics**

**Temperature**

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

**Bend Radius**

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

Max. Pull Tension:	36 lbs
Bulk Cable Weight:	19 lbs/1000ft (28 kg/km)

**Standards and Compliance**

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	2576, FT4
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	88444, 82444

## History

Update and Revision:	Revision Number: 0.360 Revision Date: 12-15-2021
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## 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

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