



**Part Number: 8444**

Audio/Control/Instrumentation, (4) 22 AWG (7x30) TC, PVC/PVC, CMG

## Product Description

Four 22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	4

Total Number of Conductors:	4
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#### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

#### Color Chart

Color
Black
White
Red
Green

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

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

### Electrical Characteristics

#### Capacitance

Nom. Capacitance Conductor to Conductor
34 pF/ft

### Construction and Dimensions

#### Conductor DCR

Nominal Conductor DCR
15.6 Ohm/1000ft

#### Impedance

Nominal Characteristic Impedance
N/A

## Current

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

## Inductance

Nominal Inductance
0.17 µH/ft

## Voltage

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

## Applicable Standards & Environmental Programs

CEC/C(UL) Specification:	CMG
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
CPR Euroclass:	Eca
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Standards

CSA AWM Specification:	FT4
NEC Articles:	800
NEC/(UL) Specification:	CMG
UL AWM Style:	UL Style 2576 (150 V 80°C)

## Flame Test

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

## Safety

UL Voltage Rating:	300 V RMS
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## Suitability

Suitability - Indoor:	Yes
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## Mechanical Characteristics

Operating Temp Range:	-20°C To +80°C
Bulk Cable Weight:	21(lbs/1000ft)
Max Recommended Pulling Tension:	35(lbs)
Min Bend Radius/Minor Axis:	2(in)

## Temperature Range

UL Temp Rating:	80°C (UL AWM Style 2576)
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## Plenum/Non-Plenum

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

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**Variants**

Item #	Color
8444 060100	CHROME
8444 0601000	CHROME
8444 060500	CHROME
8444 0605000	CHROME
8444 060U1000	CHROME
8444 060U500	CHROME

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