



**Part Number:** 8442

High-Conductivity Speaker Cable, (2) 22 AWG (7x30) TC,  
PVC/PVC, CMG

## Product Description

Two 22 AWG stranded (7x30) tinned copper conductors, twisted pair, PVC insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	2
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.016 in

#### Color Chart 1:

Number	Color
1	Black
2	Red

#### Cabling 1:

Lay Length	Lay Direction	Twists
1.5 in	Left Hand	8 twist/ft

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.17 in	0.025 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
15.6 Ohm/1000ft

#### Capacitance:

Nom. Capacitance Conductor to Conductor
30 pF/ft

#### Current:

Element	Max. Recommended Current [A]
10C Temperature Rise	2.9 Amps per conductor @ 25°C ambient

#### Inductance:

Nominal Inductance
0.2 $\mu$ H/ft

#### Voltage:

UL Voltage Rating
300 V RMS

## Use

Suitability - Indoor:	Yes
Max Recommended Pulling Tension:	18 lbs

## Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

## Temperature Range

Operating Temp Range:	-20°C To +60°C
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## Mechanical Characteristics

Min Bend Radius/Minor Axis:	1.75 in
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## Part Number

Plenum (Y/N):	No
Plenum Number:	88442, 82442

## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC Articles:	NEC Articles
NEC/(UL) Specification:	NEC/(UL) Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
8442 06010000	CHROME	Reel	10000 ft
8442 0601000	CHROME	Reel	1000 ft
8442 060100	CHROME	Reel	100 ft
8442 0605000	CHROME	Reel	5000 ft
8442 060500	CHROME	Reel	500 ft
8442 060U1000	CHROME	UnReel	1000 ft
8442 060U500	CHROME	UnReel	500 ft

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