



## Part Number: 8649

Speaker Cable, 2 Conductor 20 AWG BC, Unshielded, CM

### Product Description

2 Conductor 20 AWG stranded (7x28) ETP high-conductivity copper conductors, PVC insulation, parallel: (1) tinned, (1) bare, CM rated.

### Technical Specifications

#### Product Overview

Environmental Space:	Indoor (Not Riser or Plenum)
Suitable Applications:	Speaker Cable

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
20	7x28	High Conductivity TC - Tinned Copper	1
20	7x28	High Conductivity BC - Bare Copper	1

Conductor Count: 2

AWG Size: 20

##### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.018 in

##### Outer Shield Material

Material
Unshielded

##### Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.073 x 0.146 in

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR
10.5 Ohm/1000ft

##### Inductance

Nominal Inductance
0.2 $\mu$ H/ft

##### Current

Max. Recommended Current [A]
3.8 Amps per conductor @ 25°C

##### Voltage

Non-UL Voltage Rating
300V RMS

#### Temperature Range

Non-UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	11 lbs/1000ft
Max Recommended Pulling Tension:	31 lbs
Min Bend Radius/Minor Axis:	1.5 in

## 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):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Part Number

Plenum (Y/N):	No
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## Variants

Item #	Color
8649 0601000	CHROME
8649 3681000	CLEAR, TRANSPARENT

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