



Part Number: 8461

High-Conductivity Speaker Cable, (1 pr) 18 AWG (7x26)
TC, PVC/PVC, CMG

Product Description

One 18 AWG pair stranded (7x26) tinned copper conductors, twisted pair, PVC insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
18	7x26	TC - Tinned Copper	1
Total Number of Conductors:			2

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.022 in

Color Chart 1:

Number	Color
1	Black & White

Stranding:

Lay Length	Lay Direction	Twists
2 in	Left Hand	6 twist/ft

Outersheild 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.234 in	0.027 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
5.86 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor
22 pF/ft

Current:

Element	Max. Recommended Current [A]
10C Temperature Rise	4.8 Amps per conductor @ 20°C ambient

Voltage:

UL Voltage Rating
300 V RMS

Use

Suitability - Indoor:	Yes
Max Recommended Pulling Tension:	45 lbs

Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

Temperature Range

Operating Temp Range:	-20°C To +80°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.5 in
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Part Number

Plenum (Y/N):	No
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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
8461 0601000	CHROME	Reel	1000 ft
8461 060100	CHROME	Reel	100 ft
8461 0605000	CHROME	Reel	5000 ft
8461 060500	CHROME	Reel	500 ft
8461 060U1000	CHROME	UnReel	1000 ft
8461 060U500	CHROME	UnReel	500 ft

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