



Part Number: 32416

Hook-Up/Lead Wire UL Style 3071, (1) 16 AWG (7x24) TC, Silicone w/ Glass Braid, 600V, 200°C

[📦 Request Sample](#)

Product Description

One 16 AWG stranded (7x24) tinned copper conductor, silicone insulation with lacquered glass braid covering.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	7x24	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	16 AWG

Insulation

Material	Nominal Wall Thickness
Silicone Rubber	0.03 in

Outer Jacket Material

Material	Nominal Diameter
Lacquered Glass Braid Covering	0.145 in

Electrical Characteristics

Shielding:	Multiple or Specialty
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Voltage

UL Voltage Rating
600 V

Temperature Range

UL Temp Rating:	200°C
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Mechanical Characteristics

Recommended Max Baking Cycles:	24 hours @ 410°F (210°C)
Bulk Cable Weight:	19 lbs/1000ft

Standards

UL AWM Style:	3071
CSA Rating:	600 V, 200°C
CSA Type:	SEW-2
Military Specification:	N/A

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

Flammability, LS0H, Toxicity Testing

UL Flammability:	Horizontal
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
32416 010500	Black	F
32416 0106000	Black	C Z
32416 009500	White	F

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.
Footnote:	C - CRATE REEL PUT-UP.
Footnote:	I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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