



**Part Number: 34406**

Hook-Up/Lead Wire UL AWM Style 3192, (1) 6 AWG (84x25) TC, CSPE, 600V, 105°C

[Request Sample](#)

## Product Description

One 6 AWG stranded (84x25) tinned copper conductor, chlorosulphonated polyethylene (CSPE) insulation.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
6	84x25	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	6 AWG

#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
CSPE - Chlorosulphonated Polyethylene	0.343 in	0.062 in	0.06 in
CSPE - Chlorosulphonated Polyethylene			

#### Outer Jacket Material

Material
No Jacket

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
0.38 Ohm/1000ft

Shielding:	Unshielded
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#### Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	121 amps

#### Voltage

Description	UL Description	UL Voltage Rating	Voltage Rating [V]
CSA CL1052	UL AWM 3192	600 V	CSA - 300 V

### Temperature Range

UL Temp Rating:	105°C
Operating Temp Range:	-30°C To +105°C

### Mechanical Characteristics

Bulk Cable Weight:	127 lbs/1000ft
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### Standards

UL AWM Style:	3192
CSA Rating:	300 V RMS, 105°C
CSA Type:	CL1052

Military Specification:	N/A
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**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, LSOH, Toxicity Testing**

UL voltage rating:	600 V RMS
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Part Number**

**Variants**

Item #	Color	Footnote
34406 010100	Black	
34406 0101000	Black	C F
34406 010250	Black	C F
34406 008100	Gray	

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.

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