



**Part Number: 35618**

Lead Wire, #18 Str TC, XLPO Ins, AWM 3173 CSA TYPE CL1251

[Request Sample](#)

**Product Description**

Rubber Lead Wire, 18AWG (16x30) Tinned Copper, XLPO Insulation, AWM 3173 CSA TYPE CL1251 600V 125C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
18	16x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	18 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
XLPE - Cross Linked Polyethylene	0.109 in	0.0315 in	0.03 in

**Outer Jacket Material**

Material
No Jacket

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
6 Ohm/1000ft

**Current**

Element	Max. Recommended Current [A]
Single conductor in free air @ ambient 30C	22 amps

**Voltage**

UL Voltage Rating
600 V RMS

**Temperature Range**

UL Temp Rating:	125°C
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**Mechanical Characteristics**

Bulk Cable Weight:	10 lbs/1000ft
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**Standards**

UL AWM Style:	3173
CSA Rating:	600 V, 125°C
CSA Type:	CL1251
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):	2004-07-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LS0H, 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
35618 010500	Black	F
35618 0105000	Black	C I U Z
35618 0135000	Blue, Dark	C I U Z
35618 0065000	Blue, Light	C I U Z
35618 0015000	Brown	C I U Z
35618 0085000	Gray	C I U Z
35618 0055000	Green, Dark	C I U Z
35618 0035000	Orange	C I U Z
35618 0125000	Pink	C I U Z
35618 002500	Red	F
35618 0025000	Red	C I U Z
35618 0075000	Violet	C I U Z
35618 0095000	White	C I U Z
35618 004500	Yellow	F
35618 0045000	Yellow	C I U Z

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.
Footnote:	U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE)
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.
Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.

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