



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	UPC	Length	Footnote
35618 010500	Black	612825145233	500 ft	F
35618 0105000	Black	612825145240	5,000 ft	C I U Z
35618 0135000	Blue, Dark	612825145264	5,000 ft	C I U Z
35618 0065000	Blue, Light	612825145196	5,000 ft	C I U Z
35618 0015000	Brown	612825145127	5,000 ft	C I U Z
35618 0085000	Gray	612825145219	5,000 ft	C I U Z
35618 0055000	Green, Dark	612825145189	5,000 ft	C I U Z
35618 0035000	Orange	612825145158	5,000 ft	C I U Z
35618 0125000	Pink	612825145257	5,000 ft	C I U Z
35618 002500	Red	612825145134	500 ft	F
35618 0025000	Red	612825145141	5,000 ft	C I U Z
35618 0075000	Violet	612825145202	5,000 ft	C I U Z
35618 0095000	White	612825145226	5,000 ft	C I U Z
35618 004500	Yellow	612825145165	500 ft	F
35618 0045000	Yellow	612825145172	5,000 ft	C I U Z

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'.
Footnote:	U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE)
Footnote:	C - CRATE REEL PUT-UP.
Footnote:	I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.

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