



Part Number: 35616

Lead Wire, #16 Str TC, XLPO Ins, AWM 3173 CSA TYPE CL1251

[Request Sample](#)

Product Description

Rubber Lead Wire, 16AWG (26x30) Tinned Copper, XLPO Insulation, AWM 3173 CSA TYPE CL1251 600V 125C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	26x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	16 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
XLPE - Cross Linked Polyethylene	0.122 in	0.0315 in	0.03 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	28 amps

Voltage

UL Voltage Rating
600 V

Temperature Range

UL Temp Rating:	125°C
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Mechanical Characteristics

Bulk Cable Weight:	14 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
35616 010500	Black	F
35616 0105000	Black	C I U Z
35616 0065000	Blue, Light	C I U Z
35616 0015000	Brown	C I U Z
35616 005500	Green, Dark	F
35616 0055000	Green, Dark	C I U Z
35616 0035000	Orange	C I U Z
35616 002500	Red	F
35616 0025000	Red	C I U Z
35616 009500	White	F
35616 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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