



Product: [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

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
XLPO, XLPE (Thermoset)	0.122 in	0.0315 in	0.03 in

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
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	UPC	Length	Footnote
35616 010500	Black	612825145103	500 ft	F
35616 0105000	Black	612825145110	5,000 ft	C I U Z
35616 0065000	Blue, Light	612825145080	5,000 ft	C I U Z
35616 0015000	Brown	612825145011	5,000 ft	C I U Z
35616 005500	Green, Dark	612825145066	500 ft	F
35616 0055000	Green, Dark	612825145073	5,000 ft	C I U Z
35616 0035000	Orange	612825145042	5,000 ft	C I U Z
35616 002500	Red	612825145028	500 ft	F
35616 0025000	Red	612825145035	5,000 ft	C I U Z
35616 009500	White	612825145097	500 ft	F
35616 0045000	Yellow	612825145059	5,000 ft	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'.

History

Update and Revision:	Revision Number: 0.270 Revision Date: 04-08-2020
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