



Product: [9904](#)

Lead Wire, #4 Str TC, PVC Ins, AWM 1283 AWM 1015

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 4AWG (133x25) Tinned Copper, PVC Insulation, AWM 1283 AWM 1015 CSA TYPE TEW 600V 105C

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, internal wiring of appliances, machine tool wire
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Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
4	133x25	TC - Tinned Copper	1
Conductor Count:			1

Insulation		
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.392 in	0.063 in

Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	
0.27 Ohm/1000ft	

Current	
Element	Max. Recommended Current [A]
Single Conductor in Free Air @ 30C Ambient	Single conductor in free air @ 30°C: 160 A

Voltage	
UL Voltage Rating	
600 V RMS	

Temperature Range

Non-UL Temp Rating:	105°C
UL Temp Rating:	105°C

Mechanical Characteristics

Bulk Cable Weight:	193 lbs/1000ft
Min. Bend Radius/Minor Axis:	1.57 in

Standards

NEC Articles:	Article 310
NEC/(UL) Compliance:	MTW
UL Rating:	600V, 105°C

UL AWM Style Compliance:	AWM 1015, AWM 1283
CSA Rating:	600V, 105°C
CSA Type:	TEW

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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
9904 01050	Black	Reel	50 ft	612825260349
9904 010500	Black	Reel	500 ft	612825260356
9904 001500	Brown	Reel	500 ft	612825260301
9904 00250	Red	Reel	50 ft	612825260318
9904 002500	Red	Reel	500 ft	612825260325
9904 00750	Violet	Reel	50 ft	612825260332

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.382 Revision Date: 02-03-2025
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