



Product: [9908](#) 

Lead Wire, #8 Str TC, PVC Ins, AWM 1028 AWM 1015

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Product Description

Low Temp Plastic Lead Wire, 8AWG (84x27) Tinned Copper, PVC Insulation, AWM 1028 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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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	8 AWG	84x27	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.0475 in (1.21 mm)	0.25 in (6.4 mm)

Overall Cable Diameter (Nominal):	0.25 in (6.4 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
6.5 Ohm/1000ft	Single conductor in free air @ 30°C: 6.5 A

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
2.5 in (64 mm)	2.5 in (64 mm)

Max. Pull Tension:	45 lbs (20 kg)
Bulk Cable Weight:	17 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
NEC / UL Compliance:	Article 310, MTW

AWM Compliance:	AWM 1015, AWM 1283, CSA AWM I A/B
CEC / C(UL) Compliance:	TEW
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.474 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9908 010100	Black	Reel	100 ft	612825260646
9908 010250	Black	Reel	250 ft	612825260653
9908 002100	Red	Reel	100 ft	612825260592
9908 002250	Red	Reel	250 ft	612825260608
9908 009100	White	Reel	100 ft	612825260622
9908 009250	White	Reel	250 ft	612825260639

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