



Product: [9906](#)

Lead Wire, #6 Str TC, PVC Ins, AWM 1283 AWM 1232 AWM 1015

Request Sample

### Product Description

Low Temp Plastic Lead Wire, 6AWG (133x27) Tinned Copper, PVC Insulation, AWM 1283 AWM 1232 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
------------------------	--

#### Construction Details

##### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	6	133x27	TC - Tinned Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.063 in (1.6 mm)	0.331 in (8.41 mm)

Overall Cable Diameter (Nominal):	0.331 in (8.41 mm)
-----------------------------------	--------------------

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Max. Current
0.41 Ohm/1000ft	Single conductor in free air @ 30°C: 121 A

##### Voltage

UL Voltage Rating
600 V RMS

#### Mechanical Characteristics

##### Temperature

UL Temperature
105°C

##### Bend Radius

Stationary Min.	Installation Min.
1.33 in (33.8 mm)	1.33 in (33.8 mm)

Max. Pull Tension:	333 lbs (151 kg)
Bulk Cable Weight:	117 lbs/1000ft

#### Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
NEC / UL Compliance:	Article 310, MTW or THW
AWM Compliance:	AWM 1015, AWM 1232, 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: 0.472 Revision Date: 01-20-2023
----------------------	--

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9906 010100	Black	Reel	100 ft	612825260486	C
9906 0101000	Black	Reel	1,000 ft	612825260493	C
9906 013100	Blue, Dark	Reel	100 ft	612825260509	C
9906 001100	Brown	Reel	100 ft	612825260363	
9906 0011000	Brown	Reel	1,000 ft	612825260370	
9906 0081000	Gray	Reel	1,000 ft	612825260455	
9906 005100	Green, Dark	Reel	100 ft	612825260431	C
9906 0051000	Green, Dark	Reel	1,000 ft	612825260448	C
9906 002100	Red	Reel	100 ft	612825260387	C
9906 0021000	Red	Reel	1,000 ft	612825260394	C
9906 009100	White	Reel	100 ft	612825260462	C
9906 0091000	White	Reel	1,000 ft	612825260479	
9906 004100	Yellow	Reel	100 ft	612825260400	

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.