



**Part Number: 9899**

Lead Wire, #18 Str TC, PVC Ins, AWM 1855 5000V 80C

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 18AWG (65x36) Tinned Copper, PVC Insulation, AWM 1855 5000V 80C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors	No. of Pairs
18	65x36	TC - Tinned Copper	1	6
Conductor Count:			1	
Conductor Size:			18 AWG	

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.144 in	0.048 in

**Outer Jacket Material**

Material
No Jacket

**Electrical Characteristics**

**Unbalanced Crosstalk**

Typical Unbalanced NEXT %
6 MHz

**Voltage**

Suggested Working Voltage	UL Voltage Rating
5,000 V RMS	5000 V RMS

**Temperature Range**

UL Temp Rating:	80°C
-----------------	------

**Mechanical Characteristics**

Bulk Cable Weight:	6 lbs/1000ft
--------------------	--------------

**Standards**

UL Rating:	5000V, 80°C
UL AWM Style:	AWM 1855
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):	2005-10-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LS0H, Toxicity Testing

UL voltage rating:	5000 V RMS
--------------------	------------

## Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

## Part Number

### Variants

Item #	Color	Footnote
9899 010100	Black	
9899 0101000	Black	C
9899 010500	Black	
9899 005500	Green, Dark	
9899 002100	Red	
9899 0021000	Red	
9899 002500	Red	
9899 009500	White	

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

© 2019 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.