



Product: [9918](#)

Lead Wire, #18 Str TC, PVC Ins, AWM 1007 AWM 1569

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 18AWG (16x30) Tinned Copper, PVC Insulation, AWM 1007 AWM 1569 CSA TYPE TR-64 TRSR-64

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, internal wiring of appliances
------------------------	---

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	18 AWG	16x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.079 in (2.0 mm)

Overall Cable Diameter (Nominal):	0.079 in (2.0 mm)
-----------------------------------	-------------------

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
7.15 Ohm/1000ft	Single conductor in free air @ 30°C: 20 A

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-25°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
0.79 in (20 mm)	0.79 in (20 mm)

Max. Pull Tension:	21 lbs (9.5 kg)
Bulk Cable Weight:	7 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1, FT1
AWM Compliance:	AWM 1007, AWM 1569

CEC / C(UL) Compliance:	TRSR-64
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.468 Revision Date: 11-09-2022
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9918 010100	Black	Reel	100 ft	612825262404
9918 0101000	Black	Reel	1,000 ft	612825349853
9918 0105000	Black	Reel	5,000 ft	612825262411
9918 013100	Blue, Dark	Reel	100 ft	612825262442
9918 0131000	Blue, Dark	Reel	1,000 ft	612825262459
9918 0135000	Blue, Dark	Reel	5,000 ft	612825262466
9918 006100	Blue, Light	Reel	100 ft	612825262299
9918 0061000	Blue, Light	Reel	1,000 ft	612825262305
9918 001100	Brown	Reel	100 ft	612825262138
9918 0011000	Brown	Reel	1,000 ft	612825262145
9918 0015000	Brown	Reel	5,000 ft	612825262152
9918 008100	Gray	Reel	100 ft	612825262343
9918 0081000	Gray	Reel	1,000 ft	612825349846
9918 005100	Green, Dark	Reel	100 ft	612825262268
9918 0051000	Green, Dark	Reel	1,000 ft	612825262275
9918 0055000	Green, Dark	Reel	5,000 ft	612825262282
9918 003100	Orange	Reel	100 ft	612825262213
9918 0031000	Orange	Reel	1,000 ft	612825262220
9918 002100	Red	Reel	100 ft	612825262176
9918 0021000	Red	Reel	1,000 ft	612825262183
9918 0025000	Red	Reel	5,000 ft	612825262190
9918 007100	Violet	Reel	100 ft	612825262329
9918 0071000	Violet	Reel	1,000 ft	612825262336
9918 009100	White	Reel	100 ft	612825262367
9918 0091000	White	Reel	1,000 ft	612825262374
9918 0095000	White	Reel	5,000 ft	612825262381
9918 004100	Yellow	Reel	100 ft	612825262237
9918 0041000	Yellow	Reel	1,000 ft	612825262244

© 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.