

Product: 83008

Lead Wire, #20 Str SPC, TFE Ins, AWM 1213

Request Sample

Product Description

High Temp Plastic Lead Wire, 20AWG (7x28) Silver Plated Copper, TFE Insulation, AWM 1213 105C TYPE E MIL-W-16878/4 600V 200C

Technical Specifications

Product Overview

Suitable Applications:	high temperature, inter-connection circuits, internal wiring of computer and electronic equipments, (Type E) MIL-W-16878/4 applications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	20	7x28	SC - Silvered Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PTFE - Polytetrafluoroethylene	0.01 in (0.25 mm)	0.058 in (1.5 mm)

Overall Cable Diameter (Nominal):	0.058 in (1.5 mm)

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature
105°C

Bend Radius

Stationary Min.	Installation Min.
0.24 in (6.1 mm)	0.24 in (6.1 mm)

Max. Pull Tension:	12.6 lbs (5.72 kg)
Bulk Cable Weight:	5.2 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
AWM Compliance:	AWM 1213
NEMA Compliance:	HP3
Military Compliance:	MIL-W-16878/4
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: 0.456 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
83008 010100	Black	Reel	100 ft	612825354093	
83008 0101000	Black	Reel	1,000 ft	612825354086	S W
83008 006100	Blue, Light	Reel	100 ft	612825354024	
83008 0061000	Blue, Light	Reel	1,000 ft	612825354109	S W
83008 001100	Brown	Reel	100 ft		
83008 005100	Green, Dark	Reel	100 ft	612825354079	
83008 0051000	Green, Dark	Reel	1,000 ft	612825354017	S W
83008 003100	Orange	Reel	100 ft		
83008 0031000	Orange	Reel	1,000 ft		S W
83008 002100	Red	Reel	100 ft	612825353997	
83008 0021000	Red	Reel	1,000 ft	612825354208	S W
83008 009100	White	Reel	100 ft	612825354192	
83008 0091000	White	Reel	1,000 ft	612825378389	S W
83008 004100	Yellow	Reel	100 ft	612825354185	
83008 0041000	Yellow	Reel	1,000 ft		S W

© 2024 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.