

Part Number: 83007

Hook-Up/Lead Wire UL AWM Style 1213, (1) 20 AWG  
(19x32) SPC, TFE, 105°C

## Product Description

One 20 AWG stranded (19x32) silver plated copper conductor, TFE insulation.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
20	19x32	SPC - Silver Plated Copper	1

<b>Total Number of Conductors:</b>	1
------------------------------------	---

#### Insulation:

Material	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.009 in

#### Outerjacket 1:

Nominal Diameter
0.058 in

### Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
9 Ohm/1000ft

#### Current:

Element	Max. Recommended Current [A]
Mil-Std-975M Table 3.16 (single wire)	6.5 amps

## Voltage:

Description	Voltage Rating [VI]
Mil-W-16878/4	600 V RMS

## Use

---

## Safety

---

UL Flammability:	VW-1
------------------	------

## Temperature Range

---

Operating Temp Range:	-70°C To +200°C
-----------------------	-----------------

## Mechanical Characteristics

---

## Part Number

---

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

## Standards

---

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
MIL Spec Rating:	MIL Spec Rating
Military Specification:	Military Specification
UL Rating:	UL Rating
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

---

## Product Variants

Part Number	Color	Put-Up Type	Length
83007 0011000	BROWN	Reel	1000 ft
83007 001100	BROWN	Reel	100 ft
83007 0021000	RED	Reel	1000 ft
83007 002100	RED	Reel	100 ft
83007 002500	RED	Reel	500 ft
83007 0031000	ORANGE	Reel	1000 ft
83007 003100	ORANGE	Reel	100 ft
83007 0041000	YELLOW	Reel	1000 ft
83007 004100	YELLOW	Reel	100 ft
83007 0051000	GREEN, DARK	Reel	1000 ft
83007 005100	GREEN, DARK	Reel	100 ft
83007 0061000	BLUE, LIGHT	Reel	1000 ft
83007 006100	BLUE, LIGHT	Reel	100 ft
83007 006500	BLUE, LIGHT	Reel	500 ft
83007 0071000	VIOLET	Reel	1000 ft
83007 007100	VIOLET	Reel	100 ft
83007 0081000	GRAY	Reel	1000 ft
83007 008100	GRAY	Reel	100 ft
83007 0091000	WHITE	Reel	1000 ft
83007 009100	WHITE	Reel	100 ft
83007 009500	WHITE	Reel	500 ft
83007 0101000	BLACK	Reel	1000 ft
83007 010100	BLACK	Reel	100 ft
83007 010500	BLACK	Reel	500 ft

© 2016 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 herein 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 "AS IS" 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.