



**Part Number: 83008**

Hook-Up/Lead Wire UL AWM Style 1213, (1) 20 AWG (7x28) SPC, TFE, 105°C

[Request Sample](#)

**Product Description**

One 20 AWG stranded (7x28) silver plated copper conductor, TFE insulation.

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
20	7x28	SCC - Silver-coated Copper	1

Conductor Count:	1
Conductor Size:	20 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.058 in	0.01 in

**Outer Jacket Material**

<b>Material</b>
No Jacket

**Electrical Characteristics**

**Voltage**

<b>Voltage Rating [V]</b>
600 V

**Temperature Range**

Non-UL Temp Rating:	200°C
UL Temp Rating:	105°C

**Mechanical Characteristics**

Bulk Cable Weight:	5.2 lbs/1000ft
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**Standards**

UL AWM Style:	1213
Military Specification:	NEMA HP3, MIL-W-16878/4

**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):	2005-04-01

CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Footnote
83008 010100	Black	
83008 0101000	Black	S W
83008 006100	Blue, Light	
83008 0061000	Blue, Light	S W
83008 001100	Brown	
83008 005100	Green, Dark	
83008 0051000	Green, Dark	S W
83008 003100	Orange	
83008 0031000	Orange	S W
83008 002100	Red	
83008 0021000	Red	S W
83008 009100	White	
83008 0091000	White	S W
83008 004100	Yellow	
83008 0041000	Yellow	S W

Footnote: S - STRIPING ADDERS FOR TYPES E AND EE: 1, 2, 3 STRIPES. MINIMUM ORDER 10,000' PER STRIPE COMBINATION. (SEE STRIPING ADDER TABLE)

Footnote: W - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 75'.

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