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## General Description:

The glass braid offers abrasion resistance, is treated to prevent fraying. The Silicone insulation strips easy and clean. Recommended for high-temperature applications in motors, lighting fixtures, clothes dryers, stoves, therapeutic and electronic devices

## Physical Characteristics (Overall)

### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	6	84x25	TC - Tinned Copper

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Material	Min. Avg. Wall (mm)
Silicone with Lacquered Glass Braid Covering	1.524

### Separator

Separator Material over Conductor: Y

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 9.347 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range:	-70°C To +200°C
UL Temperature Rating:	200°C (UL AWM Style 3125)
Bulk Cable Weight:	211.324 Kg/Km
Recommended Maximum Baking Cycles:	24 hours @ 410°F (210°C)

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

UL AWM Style:	UL Style 3125 (600 V 200°C)
UL Rating:	600 V, 200°C, VW-1
CSA Rating:	600 V, 200°C
CSA Type:	SEW-2
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
1.247

# Detailed Specifications & Technical Data



## METRIC MEASUREMENT VERSION

### 30806 Hook-up/Lead - UL AWM Style 3125

#### Max. Operating Voltage - UL:

Voltage	Description
600 VRMS	UL AWM 3125

#### Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	165 amps

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
30806 009100	100 FT	14.200 LB	WHITE		#6 SIL GL BRD 200C 600V
30806 009500	500 FT	69.500 LB	WHITE	C F	#6 SIL GL BRD 200C 600V
30806 010100	100 FT	14.200 LB	BLACK		#6 SIL GL BRD 200C 600V
30806 0102000	2,000 FT	284.000 LB	BLACK	C F	#6 SIL GL BRD 200C 600V
30806 010500	500 FT	69.500 LB	BLACK	C F	#6 SIL GL BRD 200C 600V

#### Notes:

C = CRATE REEL PUT-UP.

F = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'

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