Product: 9983

Lead Wire, #22 Str TC, PVC Ins, AWM 1061 CSA AWM

Request Sample

Product Description

Low Temp Plastic Lead Wire, 22AWG (7x30) Tinned Copper, PVC Insulation, AWM 1061 CSA AWM 300V 80C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.05 in	0.01 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
15 Ohm/1000ft	6.5 Ohm/km
6.5 Ohm/1000ft	
6.5 Ohm/1000ft	
6.5 Ohm/1000ft	

High Frequency (Nominal/Typical)

Nom. Insertion Loss
6.5 dB/100m

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	10.0 A

Voltage

Description	Non-UL Voltage Rating	UL Voltage Rating	Voltage Rating [V]
Mil-W-16878/4	300 V	300 V	600 V

Temperature Range

Non-UL Temp Rating:	80°C
UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	3 lbs/1000ft

Standards

UL Rating:	300V RMS, 80°C
UL AWM Style:	AWM 1061
CSA Rating:	300V RMS, 80°C
CSA AWM Specification:	AWM I A/B
CSA Type:	AWM I, A/B
Military Specification:	N/A

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):	2005-10-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9983 010100	Black	Reel	100 ft	612825349921
9983 0101000	Black	Reel	1,000 ft	612825266815
9983 01010000	Black	Reel	10,000 ft	612825266822
9983 013100	Blue, Dark	Reel	100 ft	612825266853
9983 0131000	Blue, Dark	Reel	1,000 ft	612825266860
9983 001100	Brown	Reel	100 ft	612825266570
9983 0011000	Brown	Reel	1,000 ft	612825266587
9983 0081000	Gray	Reel	1,000 ft	612825266747
9983 005100	Green, Dark	Reel	100 ft	612825266693
9983 0051000	Green, Dark	Reel	1,000 ft	612825266709
9983 003100	Orange	Reel	100 ft	612825266648
9983 0031000	Orange	Reel	1,000 ft	612825266655
9983 002100	Red	Reel	100 ft	612825266617
9983 0021000	Red	Reel	1,000 ft	612825266624
9983 0071000	Violet	Reel	1,000 ft	612825266723
9983 009100	White	Reel	100 ft	612825266778
9983 0091000	White	Reel	1,000 ft	612825266785
9983 004100	Yellow	Reel	100 ft	612825266679
9983 0041000	Yellow	Reel	1,000 ft	612825266686

Footnote:	P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF $8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'.
Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.300 Revision Date: 04-28-2020

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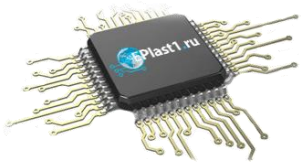
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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