

Part Number: 9983

UL AWM Style 1061



Product Description

Tinned copper conductor, semi-rigid PVC insulation (solid conductors suitable for wire wrap applications).

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

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

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

Outerjacket 1:

Nominal Diameter
0.05 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
15 Ohm/km	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

High Freq:

Max. Insertion Loss (Attenuation)
6.5 db/100m

Current:

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	10 amps

Voltage:

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

Use

Safety

CSA Flammability:	FT1
UL Flammability:	VW-1

Temperature Range

Operating Temp Range:	-20°C To +80°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	6.5 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
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CSA Rating:	300V RMS, 80°C
CSA Type:	AWM I, A/B
MII Order #39 (China RoHS):	Yes
UL Rating:	300V RMS, 80°C
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

Product Variants

Part Number	Color	Put-Up Type	Length
9983 0011000	BROWN	Reel	1000 ft
9983 001100	BROWN	Reel	100 ft
9983 0021000	RED	Reel	1000 ft
9983 002100	RED	Reel	100 ft
9983 0031000	ORANGE	Reel	1000 ft
9983 003100	ORANGE	Reel	100 ft
9983 0041000	YELLOW	Reel	1000 ft
9983 004100	YELLOW	Reel	100 ft
9983 0051000	GREEN, DARK	Reel	1000 ft
9983 005100	GREEN, DARK	Reel	100 ft
9983 0071000	VIOLET	Reel	1000 ft
9983 0081000	GRAY	Reel	1000 ft
9983 0091000	WHITE	Reel	1000 ft
9983 009100	WHITE	Reel	100 ft
9983 01010000	BLACK	Reel	10000 ft
9983 0101000	BLACK	Reel	1000 ft
9983 010100	BLACK	Reel	100 ft
9983 0131000	BLUE, DARK	Reel	1000 ft
9983 013100	BLUE, DARK	Reel	100 ft

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