

Part Number: 9986

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
28	7x36	TC - Tinned Copper	1
Total Number of Conductors:			1

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

#### Outerjacket 1:

Nominal Diameter
0.035 in

### Electrical Characteristics

#### Conductor DCR:

Max. Conductor DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
6.6 Ohm/1000ft	6.6 Ohm/km	6.6 Ohm/km
	6.6 Ohm/1000ft	
	6.6 Ohm/1000ft	

High Frequency (Nominal/Typical):

Nom. Insertion Loss
6.7 db/100m
6.7 db/100m

Unbalanced Crosstalk:

Typical Unbalanced FEXT %
6.7 MHz
6.6 MHz

High Freq:

Max. Insertion Loss (Attenuation)	Min. ACR [dB]
6.6 db/100m	
6.6 db/100m	
	6.7 dB

Use

Safety

CSA Flammability:	FT1
UL Flammability:	VW-1

Temperature Range

Mechanical Characteristics

Min Bend Radius/Minor Axis:	6.65 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CSA Rating:	300V RMS, 80°C
CSA Type:	AWM I, A/B
MII Order #39 (China RoHS):	Yes
UL AWM Style:	AWM 1061
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
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 0011000	BROWN	Reel	1000 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 0021000	RED	Reel	1000 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 002100	RED	Reel	100 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 0031000	ORANGE	Reel	1000 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 003100	ORANGE	Reel	100 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 0041000	YELLOW	Reel	1000 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 0051000	GREEN, DARK	Reel	1000 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 0071000	VIOLET	Reel	1000 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 0081000	GRAY	Reel	1000 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 0091000	WHITE	Reel	1000 ft

9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 009100	WHITE	Reel	100 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 0101000	BLACK	Reel	1000 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 010100	BLACK	Reel	100 ft
9986	1-5, 7-10, 13		
9986	1-5, 7-10, 13		
9986 0131000	BLUE, DARK	Reel	1000 ft

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