

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 mm

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 0011000	BROWN	Reel	1000 ft
9986 0021000	RED	Reel	1000 ft
9986 002100	RED	Reel	100 ft
9986 0031000	ORANGE	Reel	1000 ft
9986 003100	ORANGE	Reel	100 ft
9986 0041000	YELLOW	Reel	1000 ft
9986 0051000	GREEN, DARK	Reel	1000 ft
9986 0071000	VIOLET	Reel	1000 ft
9986 0081000	GRAY	Reel	1000 ft
9986 0091000	WHITE	Reel	1000 ft
9986 009100	WHITE	Reel	100 ft
9986 0101000	BLACK	Reel	1000 ft
9986 010100	BLACK	Reel	100 ft
9986 0131000	BLUE, DARK	Reel	1000 ft

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