

Part Number: 9918

UL AWM Styles 1007 and 1569



Product Description

18 AWG stranded (16x30) tinned copper conductor, PVC insulation. Rated 105°C, 300V. Rated 600V peak for electronic circuits, and wiring of electronic and electrical equipment.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors	No. of Pairs
18	16x30	TC - Tinned Copper	1	6
Total Number of Conductors:			1	

Insulation:

Material	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.017 in	0.015 in

Color Chart 1:

Number
6

Stranding:

Twists
6 twist/ft

Cabling 1:

Lay Length	Twists
6 in	6 twist/ft

Outerjacket 1:

Nominal Diameter
0.079 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
5.9 Ohm/1000ft

Current:

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	20 Amps per conductor @ 25°C A

Use

Safety

CSA Flammability:	FT1
UL Flammability:	VW-1

Temperature Range

Mechanical Characteristics

Min Bend Radius/Minor Axis:	6 in
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Part Number

Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CSA Rating:	300V RMS, 105°C
CSA Type:	TRSR-64
MII Order #39 (China RoHS):	Yes
UL AWM Style:	UL Style 1007 (300V 80°C)^UL Style 1569 (300V 105°C)
UL Rating:	300V RMS, 80°C and 300V, 105°C
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

Product Variants

Part Number	Color	Put-Up Type	Length
9918	1-10, 13		
9918	1-10, 13		
9918 0011000	BROWN	Reel	1000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 001100	BROWN	Reel	100 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0015000	BROWN	Reel	5000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0021000	RED	Reel	1000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 002100	RED	Reel	100 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0025000	RED	Reel	5000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0031000	ORANGE	Reel	1000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 003100	ORANGE	Reel	100 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0041000	YELLOW	Reel	1000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 004100	YELLOW	Reel	100 ft
9918	1-10, 13		
9918	1-10, 13		

9918 0051000	GREEN, DARK	Reel	1000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 005100	GREEN, DARK	Reel	100 ft
9918	1-10, 13		
9918 0055000	GREEN, DARK	Reel	5000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0061000	BLUE, LIGHT	Reel	1000 ft
9918	1-10, 13		
9918 006100	BLUE, LIGHT	Reel	100 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0071000	VIOLET	Reel	1000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 007100	VIOLET	Reel	100 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0081000	GRAY	Reel	1000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 008100	GRAY	Reel	100 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0091000	WHITE	Reel	1000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 009100	WHITE	Reel	100 ft
9918	1-10, 13		
9918 0095000	WHITE	Reel	5000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0101000	BLACK	Reel	1000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 010100	BLACK	Reel	100 ft
9918	1-10, 13		

9918 0105000	BLACK	Reel	5000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0131000	BLUE, DARK	Reel	1000 ft
9918	1-10, 13		
9918	1-10, 13		
9918 013100	BLUE, DARK	Reel	100 ft
9918	1-10, 13		
9918	1-10, 13		
9918 0135000	BLUE, DARK	Reel	5000 ft

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