

Part Number: 9912
UL AWM Style 1015



Product Description

12 AWG stranded (65x30) tinned copper conductor, PVC insulation. Rated 105°C, 600V. Rated 2500V peak for electronic circuits, and internal wiring of electronic and electrical equipment.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors	No. of Pairs
12	65x30	TC - Tinned Copper	1	6
Total Number of Conductors:			1	

Insulation:

Material	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.03 in

Color Chart 1:

Number
6

Cabling 1:

Twists
6 twist/ft

Outerjacket 1:

Nominal Diameter
0.158 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
1.5 Ohm/km

Current:

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	51 amps

Voltage:

UL Voltage Rating
600V RMS

Use

Safety

CSA Flammability:	FT1
UL Flammability:	VW-1

Temperature Range

Operating Temp Range:	-25°C To +105°C
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Mechanical Characteristics

Part Number

Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CSA Rating:	600V, 105°C
CSA Type:	AWM I A/B or TEW
MII Order #39 (China RoHS):	Yes
UL AWM Style:	MTW or TW or AWM 1015/1230
UL Rating:	600V, 105°C
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

Product Variants

Part Number	Color	Put-Up Type	Length
9912 001100	BROWN	Reel	100 ft
9912 002100	RED	Reel	100 ft
9912 0022000	RED	Reel	2000 ft
9912 002250	RED	Reel	250 ft
9912 003250	ORANGE	Reel	250 ft
9912 004100	YELLOW	Reel	100 ft
9912 004250	YELLOW	Reel	250 ft
9912 005100	GREEN, DARK	Reel	100 ft
9912 0052000	GREEN, DARK	Reel	2000 ft
9912 005250	GREEN, DARK	Reel	250 ft
9912 008250	GRAY	Reel	250 ft
9912 009100	WHITE	Reel	100 ft
9912 0092000	WHITE	Reel	2000 ft
9912 009250	WHITE	Reel	250 ft
9912 010100	BLACK	Reel	100 ft
9912 0102000	BLACK	Reel	2000 ft
9912 010250	BLACK	Reel	250 ft
9912 013100	BLUE, DARK	Reel	100 ft
9912 013250	BLUE, DARK	Reel	250 ft

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