

Part Number: 9921

UL AWM Style 1007 and 1569



Product Description

Tinned copper conductor, PVC insulation. Rated 105°C, 300V. Rated 600V 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
22	7X30	TC - Tinned Copper	1
Total Number of Conductors:			1

Insulation:

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

Outerjacket 1:

Nominal Diameter
0.062 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
15.25 Ohm/km	6.2 Ohm/km

High Frequency (Nominal/Typical):

Nom. Insertion Loss
6.2 db/100m
6.1 db/100m

Unbalanced Crosstalk:

Typical Unbalanced FEXT %
6.2 MHz

High Freq:

Frequency [MHz]	Max. Insertion Loss (Attenuation)	Min. ACR [dB]	Min. PSACR [dB]
	6.1 db/100m		
6.144 MHz			6.2 dB
		6.1 dB	

Current:

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient.	11 amps

Voltage:

UL Voltage Rating
300VRMS

Use

Safety

CSA Flammability:	FT1
UL Flammability:	VW-1

Temperature Range

Operating Temp Range:	-20°C To +105°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	6.25 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, 105°C
CSA Type:	TRSR-64
MII Order #39 (China RoHS):	Yes
UL AWM Style:	UL Style 1007 (300V 80°C)^UL Style 156g (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

History

Product Variants

Part Number	Color	Put-Up Type	Length
9921 0011000	BROWN	Reel	1000 ft
9921 001100	BROWN	Reel	100 ft
9921 0021000	RED	Reel	1000 ft
9921 002100	RED	Reel	100 ft
9921 0025000	RED	Reel	5000 ft
9921 0031000	ORANGE	Reel	1000 ft
9921 003100	ORANGE	Reel	100 ft
9921 0041000	YELLOW	Reel	1000 ft
9921 004100	YELLOW	Reel	100 ft
9921 0045000	YELLOW	Reel	5000 ft
9921 0051000	GREEN, DARK	Reel	1000 ft
9921 005100	GREEN, DARK	Reel	100 ft
9921 0061000	BLUE, LIGHT	Reel	1000 ft
9921 006100	BLUE, LIGHT	Reel	100 ft
9921 0071000	VIOLET	Reel	1000 ft
9921 007100	VIOLET	Reel	100 ft
9921 0081000	GRAY	Reel	1000 ft
9921 008100	GRAY	Reel	100 ft
9921 0085000	GRAY	Reel	5000 ft
9921 0091000	WHITE	Reel	1000 ft
9921 009100	WHITE	Reel	100 ft
9921 0101000	BLACK	Reel	1000 ft
9921 010100	BLACK	Reel	100 ft
9921 0105000	BLACK	Reel	5000 ft
9921 0131000	BLUE, DARK	Reel	1000 ft
9921 013100	BLUE, DARK	Reel	100 ft
9921 0135000	BLUE, DARK	Reel	5000 ft

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