

Part Number: 9923

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
24	7X32	TC - Tinned Copper	1
Total Number of Conductors:			1

Insulation:

Material	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.016 in	0.015 in

Outerjacket 1:

Nominal Diameter
0.056 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
23.25 Ohm/km

High Frequency (Nominal/Typical):

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

High Freq:

Min. PSACR [dB]
6.3 dB

Current:

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	0.291666666666667 A

Voltage:

UL Voltage Rating
300V

Performance:

Max. Insertion Loss
Belden
6.3

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
9923 0011000	BROWN	Reel	1000 ft
9923 0021000	RED	Reel	1000 ft
9923 002100	RED	Reel	100 ft
9923 0025000	RED	Reel	5000 ft
9923 0031000	ORANGE	Reel	1000 ft
9923 0041000	YELLOW	Reel	1000 ft
9923 0051000	GREEN, DARK	Reel	1000 ft
9923 0071000	VIOLET	Reel	1000 ft
9923 0081000	GRAY	Reel	1000 ft
9923 0091000	WHITE	Reel	1000 ft
9923 009100	WHITE	Reel	100 ft
9923 0101000	BLACK	Reel	1000 ft
9923 010100	BLACK	Reel	100 ft
9923 0105000	BLACK	Reel	5000 ft
9923 0131000	BLUE, DARK	Reel	1000 ft

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