



Product: [BE43780](#)

Lead Wire, #8 Str TC, PVC Ins, AWM 1034

Product Description

UL AWM ST 10434 VW-1 8AWG / 168x30 T

Technical Specifications

Product Overview

Suitable Applications:	Rated temperature UL max 80 C and CSA max 105 C; Rated voltage max 600 V ac, 750 V dc and 2500 Volts peak for electronic use only; Internal Wiring of Appliances; or Internal Wiring of Appliances where exposed to oil at a temperature not exceeding 60 C
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Physical Characteristics (Overall)

Conductor		
AWG	Stranding	Material
8	168x30	TC - Tinned Copper
Conductor Count:		1

Layer	Type	Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness	Color
1	Insulation	PVC - Polyvinyl Chloride	6.8 mm	0.05 mm		
2		PVC - Polyvinyl Chloride	8 mm	0.12 mm	0.6 mm	Mushroom (RAL 9002)

Color Chart	
Number	Color
Wire 1	Yellow/Green

Construction and Dimensions

Cabling	
Description	
1 wire	

Temperature Range

UL Temp Rating:	80°C
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Standards

UL AWM Style Compliance:	AWM 10434
Military Compliance:	N/A

Applicable Environmental and Other Programs

Environmental Space:	Indoor
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Flammability, LSOH, Toxicity Testing

UL voltage rating:	N/A
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
BE43780.001000	Beige	Reel	1,000 m	8719605026538

History

Update and Revision:	Revision Number: 0.149 Revision Date: 02-03-2025
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