



**Product:** [BE41508](#)

Lead Wire, #8 Str BC, PVC Ins, AWM 1017

## Product Description

UL AWM ST1017 VW1 8AWG/168X30B CSA TEW FT1

## Technical Specifications

### Product Overview

Suitable Applications:	UL Appliance Wiring Material Subject 758 Style 1017, 80C, 600 Vac.; CSA Type TEW, FT1
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Construction n x D
8	Stranded	BC - Bare Copper	168x0.254 mm

Conductor Count:	1
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#### Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance	Min. Wall Thickness	Nominal Wall Thickness
Insulation	PVC - Polyvinyl Chloride	6.7 mm	0.1 mm	1.01 mm	1.14 mm

### Electrical Characteristics

#### Conductor DCR

Element	Max. Conductor DCR
Conductor(s)	2.06 Ohm/km

Min Insulation Resistance:	0.762 MOhm*km
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#### Voltage

UL Voltage Rating
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600 V

### Temperature Range

UL Temp Rating:	80°C
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### Standards

UL AWM Style Compliance:	AWM 1017
Military Compliance:	N/A

### Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU CE Mark:	Yes

### Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	EAN
BE41508.00300	Black	Reel	300 m	8719605026170
BE41508.001500	Black	Reel	1,500 m	8719605026163
BE41508.05300	Blue	Reel	300 m	8719605026279
BE41508.051500	Blue	Reel	1,500 m	8719605026262
BE41508.031500	Brown	Reel	1,500 m	8719605026224
BE41508.04300	Red	Reel	300 m	8719605026255
BE41508.041500	Red	Reel	1,500 m	8719605026248
BE41508.02300	Violet	Reel	300 m	8719605026217
BE41508.021500	Violet	Reel	1,500 m	8719605026200
BE41508.01300	Yellow, Green Ring	Reel	300 m	8719605026194
BE41508.011500	Yellow, Green Ring	Reel	1,500 m	8719605026187

### History

Update and Revision:	Revision Number: 0.165 Revision Date: 04-08-2022
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