



**Product:** [BE41490](#)

Lead Wire, #12 Str TC, PVC Ins, AWM 1015

**Product Description**

UL AWM ST1015 VW1 12AWG/56X29T CSA TR32

**Technical Specifications**

**Product Overview**

Suitable Applications:	UL Appliance Wiring Material Subject 758 Style 1015, 80C, 600 volt.; IEC-65 Internal wiring; CSA-C22.2 no. 16 Type TR-32 90C, 1400 volt peak
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	Construction n x D
12	Stranded	TC - Tinned Copper	56x0.30 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	4.22 mm	0.07 mm	0.71 mm	0.79 mm

**Construction and Dimensions**

Min Elongation at Breakof Conductors:	5 %
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**Electrical Characteristics**

**Conductor DCR**

Element	Max. Conductor DCR
Conductor(s)	5.1 Ohm/km

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

UL Voltage Rating
600 V

**Temperature Range**

UL Temp Rating:	80°C
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**Standards**

UL AWM Style Compliance:	AWM 1015
CSA Rating:	CSA-C22.2 no. 16 Type TR-32
Military Compliance:	N/A

**Applicable Environmental and Other Programs**

Environmental Space:	Indoor
EU CE Mark:	Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:	600 V RMS
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
BE41490.00300	Black	Reel	300 m	8719605025814
BE41490.05300	Blue	Reel	300 m	8719605025869
BE41490.04300	Gray	Reel	300 m	8719605025852
BE41490.06300	Purple	Reel	300 m	8719605025876
BE41490.03300	Red	Reel	300 m	8719605025845
BE41490.02300	Yellow	Reel	300 m	8719605025838
BE41490.01300	Yellow, Green Stripe	Reel	300 m	8719605025821

History

Update and Revision:	Revision Number: 0.156 Revision Date: 04-08-2022
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