
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 502B

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Issue: 3
Issue Date: 12/22/2005
Effective Date: 12/30/2005

A. Cordage Construction

1) Conductor	a) Material	Bare Copper, per ASTM B-3
	b) AWG, Stranding	18 (41/34) AWG; Finer stranding may be used.
2) Insulation	a) Material	PVC
	b) Nominal Diameter	0.107
3) Core Assembly	a) Number of Conductors	3
	b) Color Code	Blue, Brown & Green/Yellow The insulation colors are to be readily distinguishable from one another and consistent over their length and circumference. <i>[Note: The stripe of the Green/Yellow insulation shall be 50% +/- 20%.]</i>
	c) Fillers	Optional
	d) Separator	Tissue Paper
4) Jacket	a) Material	PVC
	b) Surface Finish	Smooth, non-striated
	c) Nominal Diameter	0.330
	d) Color	Black
	e) UL, CSA Type	SJT, Minimum**
	f) Jacket Marking	Per UL Standard 62 and CSA C22.2 No. 49.

** Cordage Types with a UL/CSA rating greater than Type SJT may be substituted.

B. Cord Configuration

1) End 1	Molded Vinyl Grounding Plug, NEMA 5-15P
2) End 2	Jacket Stripped 1.5" +/- .125" Insulation Stripped 0.625" +/- 0.0625"
3) Mold Color	Black
4) Overall Length	118" +/- 2"

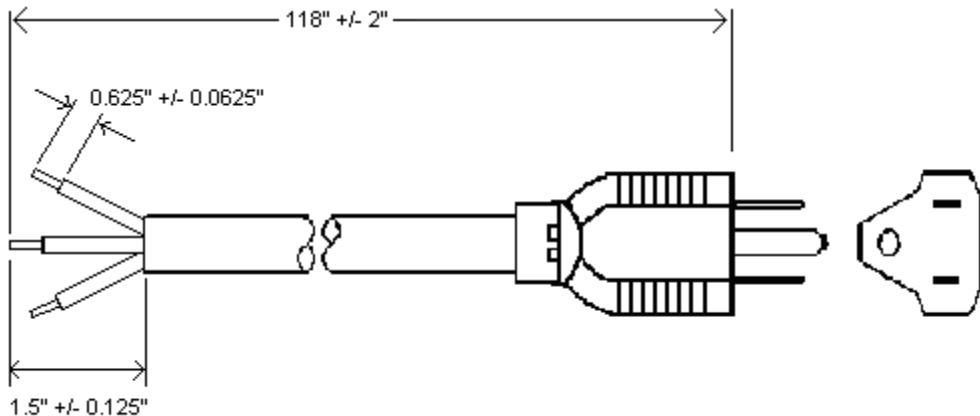
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C. Industry Approvals and Ratings

1) UL	UL Standards 62 & 817
2) CSA	CSA Standards C22.2 No. 21 and No. 49
3) Cord Set Rating	1250 Watts 10A-125V
4) Temperature Rating	60°C, Minimum

D. Packaging

1) Standard Package	100 Pieces, Placed in Carton
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