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# Customer Specification

## PART NO. 2142

### ProductConstruction

<b>1) Conductor</b>	
a) Material	Tinned Copper, per ASTM-B33 and CID-A-A-59551
b) Stranding	Solid
c) Diameter	0.0063"
<b>2) Braid Data</b>	
a) Nominal ID	1/4
b) AWG of Ends	34
c) Number of Carriers	24
d) Nominal Percent Coverage	91
e) Total Number of Ends	168
f) Approx. Equiv. AWG	12
g) Approx. Ampacity	41Amps
h) Federal Spec Number	N/A

### ProductIndustryApprovals

1) DSCC CID A-A-59569A
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### ProductEnvironmental

1) EU Directive 2011/65/EU(RoHS2):	All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for RoHS C of C.
2) REACH Regulation (EC 1907/2006):	This product does not contain any of the 16 substances listed on the European Union's REACH Substance of Very High Concern (SVHC) candidate list in excess of 0.1% mass of the item.
3) California Proposition 65:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

### ProductOther

1) Packaging	
a) 100 ft.	9 x 4.5 x 3.5, Continuous
b) 500 ft.	12 x 6 x 3.5, 3 Pieces Max., 25 ft. Min. Length
	Spool size may vary slightly

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