

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Numbers: 2191 – 2198
Spec Number: C2191
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Issue: 3
Issue Date: 8/3/2004
Effective Date: 9/28/2004

Product Description: Silver-Plated Copper Tubular Braid in accordance with Federal Specification A-A-59569A

A. Construction

- 1) Conductor
 - a) Material Tinned Copper, per ASTM B298, latest revision
 - b) Plating Thickness 40 micro-inches, minimum
 - c) Stranding Solid
- 2) Braid Data

Part Number	Nominal I.D. Round (Inches)	AWG of Ends	Number of Carriers	Nominal Percent Coverage	Number of Ends	Approx. Equiv. AWG	Approx. Current Capacity (Amps)	Federal Spec. Number
2191	1/16	36	24	78	48	19	11	AA59569R36S0062
2193	7/64	36	24	90	96	16	19	AA59569R36S0109
2194	1/8	36	24	93	120	15	25	AA59569R36S0125
2195	5/32	36	24	95	240	12	40	AA59569R36S0156
2196	11/64	36	24	96	168	14	32	AA59569R36S0171
2197	13/64	34	24	99	192	11	46	AA59569R36S0203
2198	1/4	36	24	90	384	10	53	AA59569R36S0250

B. Industry Approvals and Ratings

- 1) DSCC-VAI Commercial Item Description A-A-59569A, latest revision

C. Packaging Requirements

- 1) Standard Package per Table 1
- 2) Length Tolerance Packages shall be -0/+5% in length.
- 3) Splicing Method Not Applicable
- 4) End Protection None
- 5) Multiple Pieces 100 ft. Put-ups shall be continuous, no splices allowed.

Table 1

Part Number	100 ft Put-Up
2191	SP2-10 2.75 x 2 x 1-1/8
2193	SP3-10 3.5 x 3 x 1-1/8
2194	SP3-10 3.5 x 3 x 1-1/8
2195	W9-145 9 x 4.5 x 3.5
2196	W9-145 9 x 4.5 x 3.5
2197	W9-145 9 x 4.5 x 3.5
2198	W9-145 9 x 4.5 x 3.5