



We Deliver Precision®

ULBRICH.COM

ULBRICH SPECIALTY WIRE PRODUCTS

692 Plant Road
Westminster, SC 29693

(864) 647-6087
info@ulbrich.com

CAPABILITY SHEET

Ulbrich Lite SPCCA

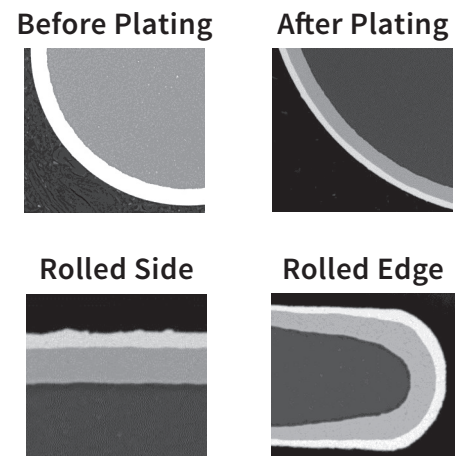
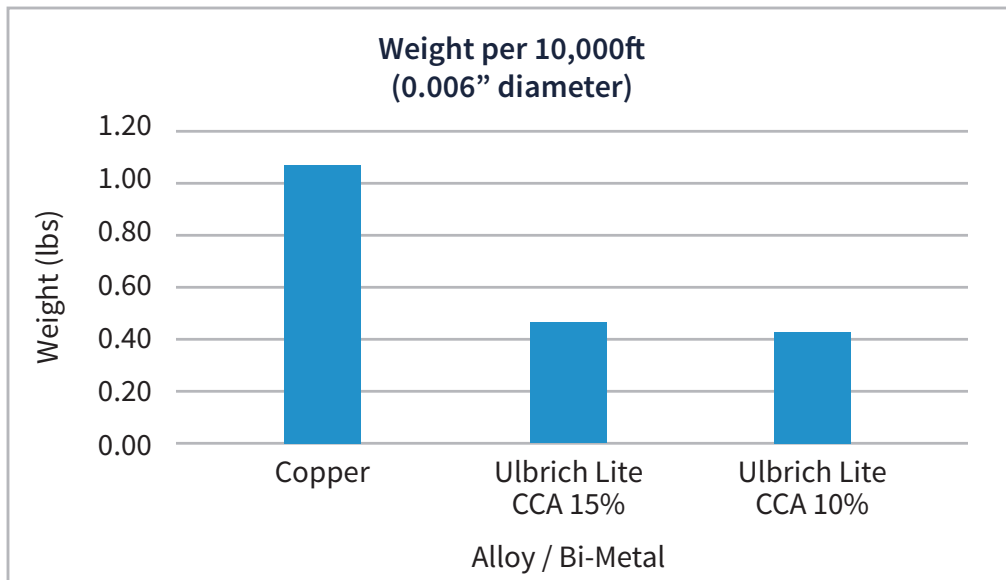
Silver Plated Copper Clad Aluminum

Precision Drawn, Rolled and Plated Ulbrich Lite SPCCA

Applications: Center Conductor and Braid materials for RF and Microwave Cables

Ulbrich is committed to delivering high precision products, now with the added benefit of large weight savings for your critical applications. SPCCA can be manufactured into both round and flat sizes comparable to other copper products.

Weight Savings: Ulbrich Lite SPCCA is a lighter alternative to pure copper with a weight savings of over 50% while retaining desirable electrical properties. This material is ideal for aerospace, military, satellite and other weight conscious applications. To demonstrate the weight saving potential, a graph is included below showing the difference in weight between a pure copper round wire and that same length and size wire made of copper clad aluminum.



Property	Copper Wire	Ulbrich Lite CCA 15%	Ulbrich Lite CCA 10%
Density [lb/in ³]	0.324	0.131	0.12
Electrical Conductivity IACS	100%	64.42%	62.85%
Electrical Resistivity [Ohms m]	1.68 x 10 ⁻⁸	2.67 x 10 ⁻⁸	2.74 x 10 ⁻⁸

Available Sizes
Diameter: 0.005" to 0.160"
Thickness: 0.0025" to 0.010"
Width: 0.015" to 0.100"