



We Deliver Precision®

ULBRICH.COM

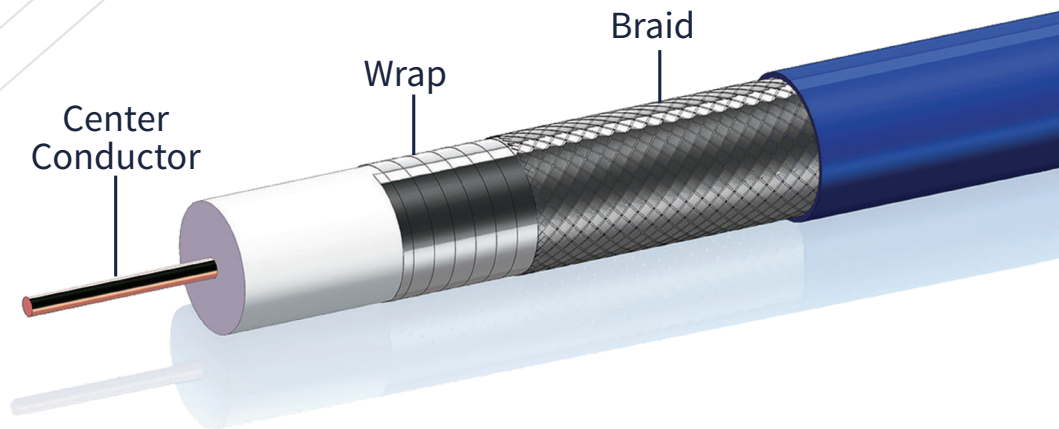
ULBRICH SPECIALTY WIRE PRODUCTS

692 Plant Road
Westminster, SC 29693

(864) 647-6087
info@ulbrich.com

CAPABILITY SHEET

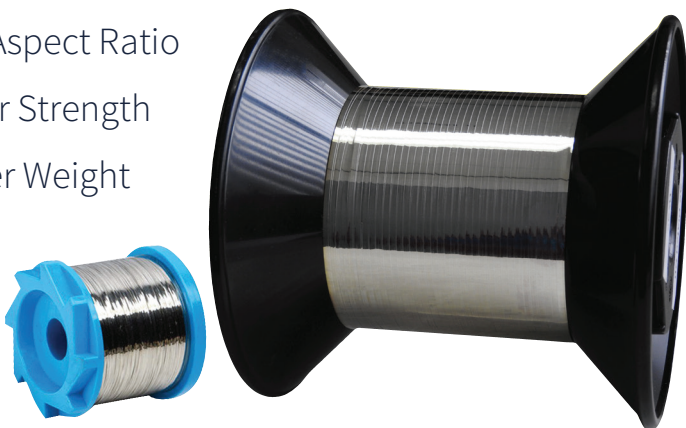
High Performance RF Cable Materials



You have cable-making challenges.
We have **engineered wire solutions**.

Leading Supplier to the Microwave and RF Cable industry, Ulbrich is your source for a broad range of precision wires for your specialty cable requirements. Ulbrich's quality, technology and know-how will drive your performance higher.

- Consistent Performance
- Reduced VSWR Spikes
- Improved Flex Life
- High Aspect Ratio
- Higher Strength
- Lighter Weight
- 4-Axis FFT Analysis and Reporting
- Precision Drawing and Annealing
- In-Line Statistical Process Controls Ensure High Cpk & Ppk Values
- Customized Mechanical Properties Enable Wrap Optimization and Variability Control
- In-House Silver Plating
- Special Alloys Available on Request
- ISO 9001:2008, ASTM B298 Compliant



CENTER CONDUCTOR WIRE

MATERIALS	Bare and Silver Plated Copper Silver Plated Copper Clad Aluminum Silver Plated Copper Clad Steel
DIAMETERS	0.002" to 0.294" (44 AWG to 1 AWG) 0.008" to 0.294" (32 AWG to 1 AWG) 0.004" to 0.040" (38 AWG to 18 AWG)
COMMON SPOOLS	12" Flange (D-50), 8" Flange (D-25), 5" Flange (D-5), 22" Reel, Other Sizes to Meet Customer Needs

HELICAL WRAP WIRE

ASPECT RATIOS	Up to 420:1
SIZE RANGES AVAILABLE	Thickness: 0.0005" (0.0127mm) – 0.010" (0.25mm) Width: 0.020" (0.5mm) – 0.325" (8.255mm)
MATERIALS AVAILABLE	Bare Copper and Silver Plated Copper (CD102, CD110)
PACKAGING	Available in Biconical or Straight Flanged Spools

BRAID WIRE

SIZE RANGES AVAILABLE	Thickness: 0.0007" (0.018mm) – 0.006" (0.152mm) Width: 0.008" (0.2mm) – 0.150" (3.8mm)
MATERIALS AVAILABLE	Silver Plated Copper, Tin Plated Copper, Bare Copper, Copper Alloys

All information provided is based on our current standard knowledge and does not claim to be exhaustive. This information may not be passed on to third parties without approval by Ulbrich Specialty Wire Products. All rights reserved.

© 2019 Ulbrich Stainless Steels & Special Metals, Inc.



We Deliver Precision®

ULBRICH.COM