



We Deliver Precision®

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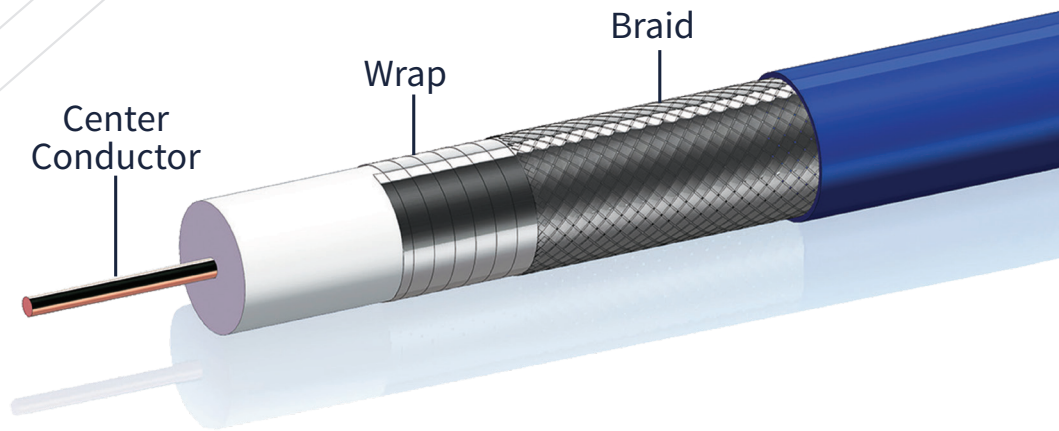
ULBRICH SPECIALTY WIRE PRODUCTS

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## CAPABILITY SHEET

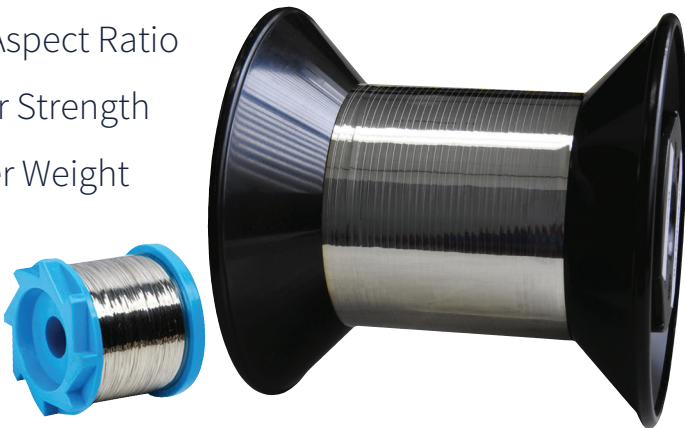
# High Performance RF Cable Materials



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

<b>MATERIALS</b>	Bare and Silver Plated Copper Silver Plated Copper Clad Aluminum Silver Plated Copper Clad Steel
<b>DIAMETERS</b>	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)
<b>COMMON SPOOLS</b>	12" Flange (D-50), 8" Flange (D-25), 5" Flange (D-5), 22" Reel, Other Sizes to Meet Customer Needs

## HELICAL WRAP WIRE

<b>ASPECT RATIOS</b>	Up to 375:1
<b>SIZE RANGES AVAILABLE</b>	Thickness: 0.0005" (0.0127mm) – 0.004" (0.1mm) Width: 0.020" (0.5mm) – 0.325" (8.255mm)
<b>MATERIALS AVAILABLE</b>	Bare Copper and Silver Plated Copper (CD102, CD110)
<b>PACKAGING</b>	Available in Biconical or Straight Flanged Spools

## BRAID WIRE

<b>SIZE RANGES AVAILABLE</b>	Thickness: 0.0015" (0.0381mm) – 0.004" (0.1mm) Width: 0.020" (0.5mm) – 0.150" (3.8mm)
<b>MATERIALS AVAILABLE</b>	Silver Plated Copper, Tin Plated Copper, Bare Copper, Copper Alloys

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