

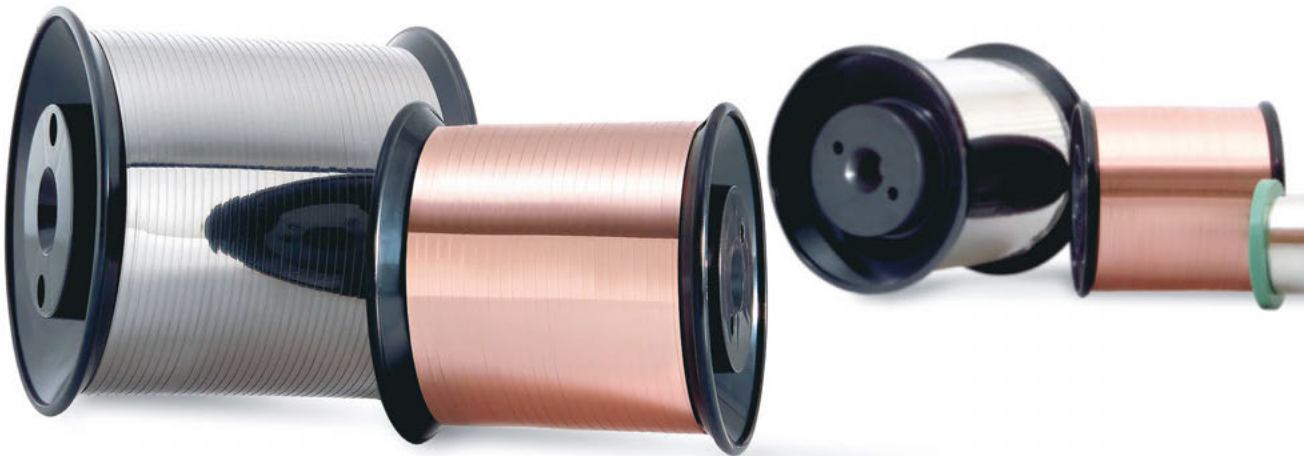
**BRUKER-SPALECK**

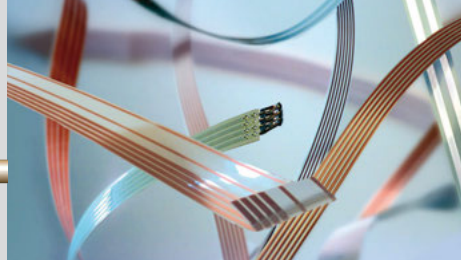
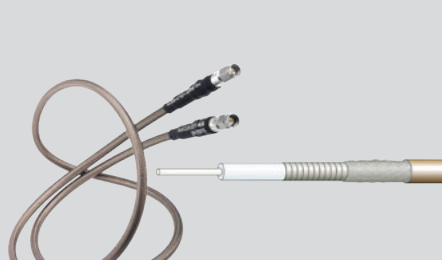
SPECIALTY WIRES

# FLATWIRES AND FUSIBLE CONDUCTORS

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**PRECISE. INNOVATIVE. CUSTOMIZED.**





# TECHNICAL DATA

## GRADES & APPLICATIONS

### Flatwires and fusible conductors

<b>Base materials:</b>	<ul style="list-style-type: none"> <li>■ Cu Copper</li> <li>■ CuSn Bronze</li> <li>■ CuBe Copper-Beryllium</li> <li>■ CuFe Copper-Iron</li> <li>■ Al Aluminium alloys</li> </ul>	<ul style="list-style-type: none"> <li>■ CuZn Brass</li> <li>■ CuNiZn Nickel-Silver</li> <li>■ CuNi Copper-Nickel</li> <li>■ NiCu Nickel-Copper</li> <li>■ Copper Low alloyed</li> </ul>
<b>Dimensions:</b>	<ul style="list-style-type: none"> <li>■ Thickness: 0.030 – 0.440 mm</li> <li>■ Width: 0.500 – 5.000 mm</li> </ul>	<ul style="list-style-type: none"> <li>■ Thickness / Width max. 1/ 80</li> </ul>
<b>Coatings:</b>	<ul style="list-style-type: none"> <li>■ Sn Tin</li> <li>■ Ni Nickel</li> </ul>	<ul style="list-style-type: none"> <li>■ Ag Silver</li> </ul>
<b>Process:</b>	<ul style="list-style-type: none"> <li>■ Transformation by drawing and rolling of bare or electroplated round wires to flat wires / hot-dip tinning of flat wires</li> </ul>	
<b>Tempers:</b>	<ul style="list-style-type: none"> <li>■ Soft to hard on request</li> </ul>	
<b>Applications:</b>	<ul style="list-style-type: none"> <li>■ Flexible Flat Cables (FFC)</li> <li>■ Battery connectors</li> <li>■ Coil winding</li> <li>■ Springs</li> </ul>	<ul style="list-style-type: none"> <li>■ Connectivity technology for power electronics</li> <li>■ Fuses</li> <li>■ HF Cable shielding (EMC)</li> <li>■ Connectors</li> </ul>
<b>Industries:</b>	<ul style="list-style-type: none"> <li>■ Automotive</li> <li>■ E-Mobility</li> <li>■ Precision mechanics</li> <li>■ Power electronics</li> </ul>	<ul style="list-style-type: none"> <li>■ Aerospace</li> <li>■ Medical</li> <li>■ Renewable energy</li> </ul>

**BRUKER-SPALECK**

SPECIALTY WIRES

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