

bedra electronic wire CuAg 0.1 out of copper material for various applications (ribbons, heating conductors / resistance wire, special cables, bobbins, connectors, etc.).

## Standardization and composition

<b>Norm</b>	CuAg0,1(OF)
<b>DIN</b>	17666
<b>EN DIN 12166</b>	CW 019A
<b>CDA UNS</b>	107
<b>Alloy composition</b>	Average values according to standard (%)
<b>Cu</b>	balance
<b>Ag</b>	0.1
<b>Others</b>	max. 0.5

## Physical properties

<b>Density (kg/dm<sup>3</sup>)</b>	8.9
<b>Melting range (°C)</b>	1080 - 1085
<b>E-Modulus (kN/mm<sup>2</sup>)</b>	127
<b>Thermal conductivity (W / m x K)</b>	380
<b>Coefficient of linear mean expansion (10-6/K)</b>	17.0
<b>Electric conductivity (m / Ω x mm<sup>2</sup>)</b>	54 - 56
<b>Electric conductivity (IACS %)</b>	~ 92 - 96
<b>Resistivity (Ω x mm<sup>2</sup> / m)</b>	0.0179 - 0.0185