

bedra electronic wire BL0.6 out of a tin-bronze alloy for various applications (ribbon, heating conductors / resistance wire, special cables, bobbins, connectors, etc.).

## Standardization and composition

<b>DIN</b>	not standardized
<b>Alloy composition</b>	Average values (%)
<b>Cu</b>	balance
<b>Sn</b>	0.6
<b>P</b>	0.03
<b>Others</b>	max. 0.5

## Physical standard data

<b>Density (kg/dm<sup>3</sup>)</b>	8.9
<b>Melting range (°C)</b>	1020 - 1080
<b>E-Modulus (kN/mm<sup>2</sup>)</b>	128
<b>Thermal conductivity (W / m x K)</b>	185
<b>Coefficient of linear mean expansion (10-6/K)</b>	17.8
<b>Electric conductivity (m / Ω x mm<sup>2</sup>)</b>	~ 25
<b>Electric conductivity (IACS %)</b>	~ 42
<b>Resistivity (Ω x mm<sup>2</sup> / m)</b>	0.0370 - 0.0932