

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

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

Physical standard data

Density (kg/dm³)	8.9
Melting range (°C)	1020 - 1080
E-Modulus (kN/mm²)	128
Thermal conductivity (W / m x K)	185
Coefficient of linear mean expansion (10-6/K)	17.8
Electric conductivity (m / Ω x mm²)	~ 25
Electric conductivity (IACS %)	~ 42
Resistivity (Ω x mm² / m)	0.0370 - 0.0932