

bedra electronic wire E-Cu 58 out of copper material for various applications (ribbons, heating conductors / resistance wire, special cables, bobbins, connectors, etc.)

Standardization and composition

Norm	Cu-ETP1
DIN	1787
EN DIN 12166	CW 003A
CDA UNS	110
Alloy composition	Average values according to standard (%)
Cu	min. 99.90

Physical properties

Density (kg/dm³)	8.9
Melting range (°C)	1083
E-Modulus (kN/mm²)	130
Thermal conductivity (W / m x K)	394
Coefficient of linear mean expansion (10⁻⁶/K)	17.3
Electric conductivity (m / Ω x mm²)	58.6
Electric conductivity (IACS %)	~ 100
Resistivity (Ω x mm² / m)	0.0171