

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

Standard designation and composition

Norm	Cu-OF1
DIN	1787
EN DIN 12166	CW 007A
CDA UNS	102
Alloy composition	Average values according to standard (%)
Cu	min. 99.95

Physical properties

Density (kg/dm³)	8.9
Melting range (°C)	1083
E-Modulus (kN/mm²)	125
Thermal conductivity (W / m x K)	393
Coefficient of linear mean expansion (10⁻⁶/K)	17.0
Electric conductivity (m / Ω x mm²)	> 59
Electric conductivity (IACS %)	> 101.7
Resistivity (Ω x mm² / m)	0.017