

bedra electronic wire Ms85 out of a brass alloy for various applications (ribbons, heating conductors / resistance wire, special cables, bobbins, connectors, etc.).

Standardization and composition

Norm	CuZn15
DIN	17660
EN DIN 12166	CW 502 L
CDA UNS	230
Alloy composition	Average values according to standard (%)
Cu	85.0
Zn	balance
Others	max. 0.5

Physical properties

Density (kg/dm³)	8.8
Melting range (°C)	1005 - 1025
E-Modulus (kN/mm²)	122
Thermal conductivity (W / m x K)	159
Coefficient of linear mean expansion (10⁻⁶/K)	18.5
Electric conductivity (m / Ω x mm²)	20.0 - 22.0
Electric conductivity (IACS %)	~ 34 - 38
Resistivity (Ω x mm² / m)	0.0455 - 0.0500