

bedra electronic wire Ms90 out of a brass alloy for various applications (ribbons, heating conductors / resistance wire, special cables, bobbins, connectors, etc.).

Standardization and composition

Norm	CuZn10
DIN	17660
EN DIN 12166	CW 501 L
CDA UNS	220
Alloy composition	Average values according to standard (%)
Cu	90.0
Zn	balance
Others	max. 0.5

Physical properties

Density (kg/dm³)	8.8
Melting range (°C)	1025 - 1040
E-Modulus (kN/mm²)	124
Thermal conductivity (W / m x K)	184
Coefficient of linear mean expansion (10-6/K)	18.2
Electric conductivity (m / Ω x mm²)	~ 24
Electric conductivity (IACS %)	~ 41
Resistivity (Ω x mm² / m)	0.0400 - 0.0435