

bedra electronic wire Ms64 out of a brass alloy for various applications (ribbons, heating conductors / resistance wire, special cables, bobbins, connectors, etc.).

Standardization and composition

Norm	CuZn36
DIN	17660
EN DIN 12166	CW 507 L
CDA UNS	270
Alloy composition	Average values according to standard (%)
Cu	64.0
Zn	balance
Others	max. 0.5

Physical properties

Density (kg/dm³)	8.4
Melting range (°C)	902 - 920
E-Modulus (kN/mm²)	110
Thermal conductivity (W / m x K)	121
Coefficient of linear mean expansion (10⁻⁶/K)	22.2
Electric conductivity (m / Ω x mm²)	14.5 - 15.5
Electric conductivity (IACS %)	~ 25 - 26
Resistivity (Ω x mm² / m)	0.0645 - 0.0690