

bedra electronic wire Ms70 out of a brass alloy for various applications (ribbons, heating conductors / resistance wire, special cables, bobbins, connectors, etc.).

Standardization and composition

Norm	CuZn30
DIN	17660
EN DIN12166	CW 505 L
CDA UNS	260
Alloy composition	Average values according to standard (%)
Cu	70.0
Zn	balance
Others	max. 0.5

Physical properties

Density (kg/dm³)	8.5
Melting range (°C)	910 - 965
E-Modulus (kN/mm²)	114
Thermal conductivity (W / m x K)	126
Coefficient of linear mean expansion (10-6/K)	19.8
Electric conductivity (m / Ω x mm²)	15.5 - 16.5
Electric conductivity (IACS %)	~ 26 - 28
Resistivity (Ω x mm² / m)	0.0606 - 0.0645