

OPTICAL WIRE (CUNIZN)

Fields of application

Standardization and composition

Pin, temple, bridge, hinge, closing block & pad arm

Cu rer	Standard designation	CuNi18Zn20
	DIN	17663
Cu rer	Material no.	2.0740
	DIN EN 12166	CW409J
	ASTM UNS	C75900
Fi	Cu	62
Rir	Zn	balance
	Ni	18
	Others	max. 0,5

Physical properties

Density (kg/dm ³)	8.7
Melting range (°C)	1060 - 1110
E-Modulus (kN/mm ²)	135
Thermal conductivity (W/m*K)	33
Coefficient of thermal expansion (10 ⁻⁶ /K)	17.7
Electrical conductivity (MS/m)	3.3

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Delivery program

Profiles	Round wires / square profiles / flat wires / special profiles
Surface coatings	Several electroplated coatings, upon request
Make-ups	Spools / coils / rods / drums