

Round Wires

According to EN 62561-2, for use in lightning protection and earth-termination systems.

DEHNalu wire

Part No.	840 008	840 108	840 018
Diameter Ø conductor	8 mm	8 mm	8 mm
Cross-section	50 mm ²	50 mm ²	50 mm ²
Material	AlMgSi	AlMgSi	AlMgSi
Characteristics	semi-rigid	semi-rigid	soft, twistable
Standard	EN 62561-2	EN 62561-2	based on EN 62561-2
Coil weight	approx. 20 kg	approx. 3 kg	approx. 20 kg
PU	148 m	21 m	148 m

Part No.	840 028	840 010
Diameter Ø conductor	8 mm	10 mm
Cross-section	50 mm ²	78 mm ²
Material	AlMgSi	Al
Characteristics	soft, twistable	soft, twistable
Standard	based on EN 62561-2	EN 62561-2
Coil weight	approx. 3 kg	approx. 21 kg
PU	21 m	100 m

Note: Al and AlMgSi may not be installed directly (without a gap) on, in, or under plaster, mortar or concrete, and also not in soil.

DEHNalu wire with plastic sheath

Wire with plastic sheath (halogen-free, frost-resistant and UV-stabilised) as additional mechanical / corrosion protection, e.g. when installed behind facades.

Part No.	840 118	840 128
Diameter Ø conductor	8 mm	8 mm
Cross-section	50 mm ²	50 mm ²
Material	AlMgSi	Al
Characteristics	soft	soft
Standard	based on EN 62561-2	EN 62561-2
Outside diameter Ø	11 mm	11 mm
Material of sheath	plastic	plastic
Sheath thickness	1.5 mm	1.5 mm
Coil weight	approx. 20 kg	approx. 20 kg
PU	100 m	100 m

DEHNCupal wire

New composite material. Lighter than copper.

For use above ground as an air-termination and down conductor, or for equipotential bonding.

Part No.	833 008
Diameter Ø conductor	8 mm
Cross-section	50 mm ²
Material	Al / Cu
Characteristics	soft, twistable
Standard	based on EN 62561-2
Cu sheath	min. 0.26 mm
Coil weight	approx. 20 kg
PU	110 m

Note: DEHNCupal wire can be twisted or straightened using a wire straightening device.

Copper wire

Part No.	830 008	830 108	830 038
Diameter Ø conductor	8 mm	8 mm	8 mm
Cross-section	50 mm ²	50 mm ²	50 mm ²
Material	Cu	Cu	Cu
Characteristics	soft F20	soft F20	semi-rigid F25
Standard	EN 62561-2	EN 62561-2	EN 62561-2
Short-circuit current (50 Hz) (1 s; ≤ 300 °C)	9.8 kA	9.8 kA	9.8 kA
Coil weight	approx. 45 kg	approx. 9 kg	approx. 45 kg
PU	100 m	20 m	100 m

