

Recommended materials and dimensions

Material	Dimension wire or rope	Dimension Band
Lightning conductor / discharge		
Copper or copper tinned	Ø 6 mm (28 mm ²); Ø 8 mm (50 mm ²)	20 x 2.5 mm (50 mm ²)
Aluminium	Ø 8 mm (50 mm ²)	25 x 3 mm (75 mm ²)
Grounding in the soil		
Copper	Ø 8 mm (50 mm ²)	20 x 2.5 mm (50 mm ²)
Copper cable	50 mm ² (wire Ø ≥ 3 mm)	
Stainless steel A4	Ø 10 mm (75 mm ²)	50 x 2 mm (100 mm ²)
Foundation grounding in the concrete ¹⁾		
Steel or galvanized steel	Ø 10 mm (75 mm ²)	25 x 3 mm (75 mm ²)
Steel cable or steel cable galvanized	75 mm ² (wire Ø ≥ 1.7 mm)	

¹⁾ Foundation grounding must be covered with at least 50 mm of concrete. Connection points must be out of corrosion-resistant material for example stainless steel (A4 grade).