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<i>Aluminium lightning protection wire</i>						

<i>L.p.</i>	<i>Rated data/Technical parameters</i>	<i>Unit</i>	<i>Value</i>	
1.	<i>Material</i>		EN-AW-1370	
2.	<i>Nominal diameter of wire</i>	mm	8,00 ±1%	10,00 ±1%
3.	<i>Cross-section of the wire</i>	mm <sup>2</sup>	50,27	78,54
4.	<i>Density at 20 °C</i>	kg/dm <sup>3</sup>	2,703	
5.	<i>Maximum resistivity at 20 °C</i>	nΩm	max 28,264	
6.	<i>Calculated DC resistance of 1 km of wire at 20 °C</i>	Ω/km	max 0,5623	max 0,3599
7.	<i>Tensile strength</i>	N/mm <sup>2</sup>	60-95	
8.	<i>Minimum elongation after fracture on A<sub>250</sub></i>	%	30	
9.	<i>Calculated weight of 1 km of wire</i>	kg/km	135,9	212,3

1. *Coating*

*We also offer lightning wire manufactured in a coating that serves as additional mechanical and corrosion protection, and it also improves the aesthetic / visual quality of product.*

*Nominal coating thickness*

1,5 mm

- a. Halogen free coating** - specially selected thermoplastic halogen-free mix, with the addition of UV stabilizer, providing very good mechanical properties, as well as having a high degree of flame retardancy.
- b. PVC coating** - a specially selected PVC thermoplastic mix supported by UV stabilizer.

2. *Colours*

*The palette of basic colours includes: white, black, red, orange, yellow, green, and blue. Other colours are available for you upon prior arrangement.*

3. *Marking / Stamping:*

*We can do a printing according to customer technical specification.*

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4. *Packing*

<i>Wire diameter</i>	<i>Weight of coil</i>	<i>Length in coil</i>	<i>External diameter of coil</i>	<i>Internal diameter of coil</i>
mm	kg	m	mm	mm
<i>Bare 8,0</i>	20	148	~ 700	~ 500
<i>Coated 8,0</i>	10	50		
<i>Bare 10,0</i>	20	94		
<i>Coated 10,0</i>	10	33		