

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS	
Copper air terminal rod Ø8x300 mm Part number ELEMKO 64 21 104	
<u>Description</u>	
Air terminal rod Ø8x300 mm, made out of copper (Cu), equipped with copper (Cu) clamp (part number ELEMKO 62 28 308). Through the clamp it is connected to the air termination conductor.	
Technical data – Installation instructions	
Arrangement	➤ Parallel connection (B2)
Installation	➤ Outdoor
Dimensions of conductor	➤ Ø8–10mm (50–70 mm ²)
Can be connected with	➤ Cu, Cu/eSn, Stainless Steel
Tightening torque	➤ 13 Nm
Lightning current withstand capability	➤ CLASS H – 100kA (10/350µs) ➤ 50 Coulomb ➤ 2.5 MJoule / Ohm
Electrical resistivity	➤ <0,019 µΩm
Tensile strength	➤ 200–450 N/mm ²
The above component has successfully passed the tests required by standard IEC EN 62561-2 “Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes”. The tests were performed at ELEMKO high voltage and high current testing laboratory. Test report number : 30595a	
Photograph	
	