



Lightning Arresters

Nano-PHASER

Nano-Phaser is designed with the aid of indigenous technology applied to the Ruwanwelisaya Stupa in Sri Lanka back in 160 BC; its technology is also composed of the passive improvisation of the continuous streamer enhancement process with respect to the ground charges. Passive design features ensure a lifetime warranty in its application. (There is no degradation owing to repetitive strikes).

Nano-Phaser Hybrid Air-Terminal is a decisive Air-terminal to be recommended in the event of all types of Lightning strikes, in any environment in the world. Evidence-based technology blended with unorthodox technology sustains its reliability and protection of the installation.

Nano-Phaser harnesses the natural energy to prime its streamer enhancement unit at the time, the charge-rich moment in its vicinity.

Nano-Phaser can encompass 80 meter Radius of protection as 3 meter altitude mast.



Technology	
Hybrid Passive	
Average Protection Radius	
80 metres	
Standards	
Conventional BS6651, IES62-305 PART 3:2006, SLS1261:2004, BSEN62305:2006	
Non-conventional NFC-17-102(France), UL, UNE, 21186(Spain), 1768-1991 (Australia & Newzealand)	
Installation Guidelines	
Ensure lower ohmic resistance value (preferably less than 10Ω Individual earth electrode to have a resistance of more than 10 times the number of electrodes)	
Achieve shortest Down conductor path	
Make the path as straight as possible	
Ensure equipment bonding	
Down conductor material (not less than 50mm ²)	
Copper - Open cable or strip	
Stainless Steel - Open cable or strip	
Aluminum - Cable or strip	
Galvanized Steel - Open cable or strip	
If the support mast is conductive, a separate down conuctor is not required	
Weight	Height
3.5 Kg	54 cm