



ARIISE POWER SERVICES
NAGPUR | RAIPUR | AHMEDABAD
 ISO 9001 : 2015 305022042810Q

Advanced Early Streamer Emission (ESE) Lightning Conductor

Since - 1997



Testable Lightning strike counter with Email/SMS

6 digits IP67 lightning counter LEC-D

Lightning rod tester

Test joint

Copper Bonded Rod

GI Earth Electrode

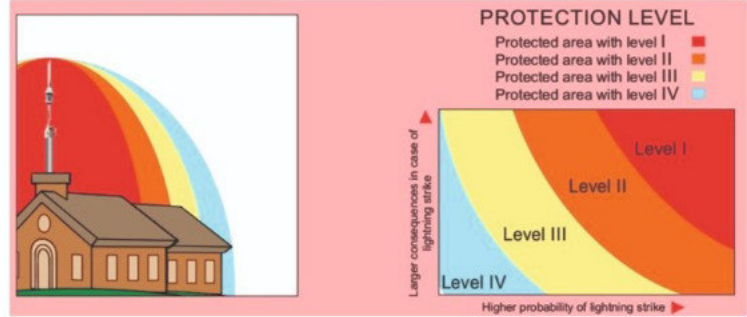
Backfill Compound

Earth Pit Cover APC-1 APC-2



STANDARDS & CERTIFICATIONS

- NFC 17-102 / UNE 21186
- IEC 62305
- IS 2309
- IS 3043
- UL 467
- IEEE 837
- SIGMA / METU
- LVT / NABL Lab
- CPRI
- ISO 9001 : 2015
- CE



ADVANCED ESE LIGHTNING PROTECTION RADIUS TABLE AS PER NFC 17-102 (2011)

ORDER CODE	LENGTH(MM), WEIGHT(KG)	PACKING DIMENSIONS(MM)	ΔT (μsec)	PROTECTION RADIUS(M) AT 5M.			
				LEVEL I	LEVEL II	LEVEL III	LEVEL IV
LAP-CX-040-A	700MM, 2.3KG	130*130*700		39	47	56	60
LAP-CX-070-A	700MM, 2.4KG	130*130*700		49	57	66	75
LAP-BX-125-A	800MM, 4.2KG	130*130*800		58	66	77	85
LAP-BX-175-A	1000MM, 4.8KG	170*170*1000		79	87	98	107

OTHER MODELS OF ADVANCED LIGHTNING PROTECTION SYSTEM WITH HIGHER AT VALUE

LAP-AX-210-A	1000MM, 5KG	170*170*700	82
LAP-DX-250-A	700MM, 5KG	250*250*700	96

ADVANCED 3rd GENERATION PIEZOELECTRIC + ESE LIGHTNING CONDUCTOR

LAP-PEX-220	1500MM, 15KG	160*160*1600	136
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Where ΔT is advanced triggering time in microseconds
Higher the ΔT value, larger will be the protection radius.
NFC 17-102 : 2011 together with IEC 62305 limits
 ΔT value to 60 μsec .

ONE SET OF LIGHTNING PROTECTION SYSTEM CONSISTS OF:

1. ESE lightning conductor - 1 no.
2. $\geq 5\text{m}$ GI shaft with adaptor head hook and base plate - 1 no.
3. Down conductor 50 sq.mm bare copper conductor or 25*2 copper strip - as per site in meters.
4. Lightning counter 6 digits IP67 APS-LEC-D - 1 no.
5. Earthing - 3 sets. Each set consisting of 1 no.-copper bonded rod 17mm dia 3m long 250 microns SCBR1710254, 2 bag of backfill compound APS-ERICON 50 Kg, 1 no. clamp for connecting rod with cable / strip and 1 no. earth pit cover APS-PC1
6. Accessories like insulator, staywire, fasteners etc.
7. Equipotential bonding device as per site conditions.



ARISE POWER SERVICES

RAIPUR | AHMEDABAD | NAGPUR

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