

FOREND ESE PETEX

- The PETEX ESE lightning protection system is in full compliance with French lightning protection standard NFC 17-102
- Based on ΔT value Forend ESE PETEX has 3 models
- The air terminal should be capable of tracking the lightning stroke upto 65 micro seconds earlier as compare to passive lightning rod.
- Ion generator is located in a special section which is of stainless body inside and covered with special resin to shield from external effect. As the atmospheric electric field increases during lightning storm, generator becomes active and ionizes surrounding air.
- It has provision for testing using terminal tester and provision for terminating down conductor.



FOREND-PETEX

MODEL NAME	FOREND PETEX-S	FOREND PETEX-M	FOREND PETEX-L						
MODEL NO	F10120	F10117	F10115						
TYPE	ESE	ESE	ESE						
ΔT	30 μ S	45 μ S	65 μ S						
MATERIAL	Chrome plated copper	Chrome plated copper	Chrome plated copper						
WEIGHT	2.3Kgs	2.4Kgs	2.5Kgs						
HEIGHT	50cm	50cm	50cm						
TEST REPORT	BET & ICMET	BET & ICMET	BET & ICMET						
CALCULATION OF Rp : RADIUS OF PROTECTION (in Mtr)									
HEIGHT OF MAST IN MTRS	LEVEL			LEVEL			LEVEL		
	I	II	III	I	II	III	I	II	III
2	19	25	28	25	32	36	35	43	46
3	27	36	41	38	48	54	51	61	68
4	38	51	57	51	65	72	66	81	90
5	48	63	71	63	80	89	82	101	110

APPLICATION BASED ON ENVIRONMENTAL CONDITIONS

Applicable to all types of structures & Environment, Moisture Area, Hazardous Area, Petrochemical Area and also can be install on high temperature area upto 300°C.

APPLICATION BASED ON SUPPORTING STRUCTURE

On GI, Al, FRP Mast, On tripod tower, Angle tower, Swage Pole, Rotating observatory and also Mobile mast

INDIA CLIENTS

AIR PORTS, ADITYA BIRLA GROUP, TATA, ECIL, ESSAR, LANCO, DRDO, PHARMA, BALCO



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