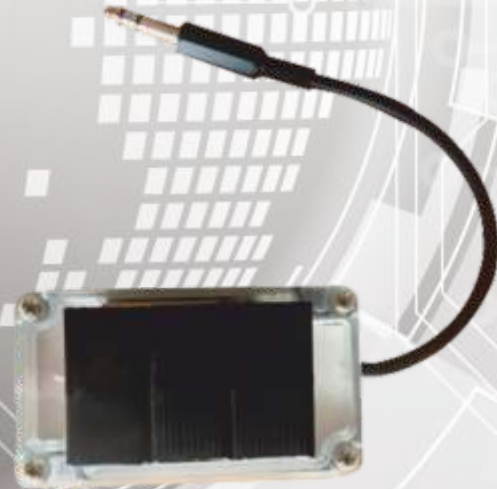


EARLY STREAMER EMISSION (ESE) AIR TERMINATION RODS



Remote Tester for
ESE



Lighting Flash
Counter



Manual Tester
for ESE

PRODUCT SPECIFICATION :

- ◆ Provides active Lighting Protection Solution (LPS)
- ◆ Standards: NFC 17-102 / UNE 21186
- ◆ No external power supply required
- ◆ Recommended Air Terminal Height: 2 meters higher than objects (as per NFC 17-102)
- ◆ FRP Socket provides non conductivity between the ESE Air terminal and Elevation / GI Pipe
- ◆ High - End ratings of Protection radius 107m & ΔT 60 μS
- ◆ Comprehensive installation
- ◆ Supports with G.I Pipe & base
- ◆ Optional accessories of strike counter & testing meter available



The radius of protection offered by an ESE lightning conductor is related to its height (h) relative to the area to be protected, to its triggering advance and to the protection level.

Technical Specification for the Active Lighting Air terminal rods radii of protection :

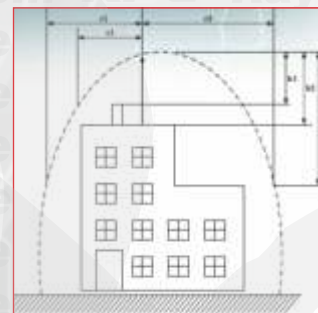
ESE AIR TERMINAL							
ESE Part Code	GI Pipe / Pipe Height Elevation	ESE Mast Height	ΔT	PROTECTION RADIUS (R p) in mtrs			
				LEVEL I	LEVEL II	LEVEL III	LEVEL IV
RES 175	2m	650mm	60 μ Sec	31	35	39	43
	3m			47	52	58	64
	5m			79	86	97	107
	10m			79	88	99	109
RES 040	20m	630mm	40 μ Sec	80	89	102	113
	2m			23	26	30	34
	3m			35	39	45	50
	5m			58	65	75	83
RES 025	8m	620mm	25 μ Sec	59	67	77	86
	2m			17	19	23	26
	3m			25	26	34	39
	5m			42	49	57	65
	8m			59	51	60	68

GI Pipe / Elevation Pipe Height	
Part Code	GI / Elevation Pipe Height
R2MGI-57	2m
R3MGI-57	3m
R5MGI-57	5m
R10MGI-57	10m
R20MGI-57	20m

FRP SOCKET : ESE Air Terminal to GI Pipe	
Part Code	Part Code
FRP SOCKET	RFES-01



Note: Contractor has to provide wire support to the Air Rods supplied by Raychem RPG.



Lightning protected the structure with coverage radius

