



> FLASH CAPTOR AIR TERMINAL



> GENERAL DESCRIPTION

Flash Captor Early Streamer Emission (ESE) air terminal anticipates any other element within its protected area, intercepting lightning and driving its current to earth through a safe path.

- High voltage impulses emitter.
- Fully autonomous.
- Stainless steel structure.
- Electroatmospheric capacitor.
- Testable in the factory and in field using an specific device.

Certified according to standard NF C 17-102:2011, UNE 21186:2011 and NP 4426:2013, where the advance time is determined after passing, on the same sample, the following tests:

- ✓ Salt mist treatment.
- ✓ Humid sulphurous atmosphere treatment.
- ✓ Current withstand test: 100kA (10/350µs).
- ✓ Advance time (ΔT) test.

Flash Captor Early Streamer Emission (ESE) air terminals shall be installed according to the standard NF C 17-102:2011, UNE 21186:2011 and NP 4426:2013 "Lightning Protection: Early Streamer Emission Air Terminals".

> TECHNICAL DATASHEET

Material:	Stainless Steel AISI 316L
Weight:	3kg
External diameter (central body):	60 mm
Length:	325 mm

Certified advance times (ΔT)

Ref.	Model	ΔT
AT-5315	FLASH CAPTOR 15	15µs
AT-5330	FLASH CAPTOR 30	30µs
AT-5345	FLASH CAPTOR 45	45µs
AT-5360	FLASH CAPTOR 60	60µs

> FLASH CAPTOR PROTECTION RADII IN METERS (RP)

Calculated according to the standards NFC 17-102:2011, UNE 21186:2011 and NP 4426:2013 for each protection level.

		PROTECTION LEVEL I (D = 20m)				PROTECTION LEVEL II (D = 30m)				PROTECTION LEVEL III (D = 45m)				PROTECTION LEVEL IV (D = 60m)			
Ref. →		AT-5315	AT-5330	AT-5345	AT-5360	AT-5315	AT-5330	AT-5345	AT-5360	AT-5315	AT-5330	AT-5345	AT-5360	AT-5315	AT-5330	AT-5345	AT-5360
h (m)	2	13	19	25	31	15	22	28	35	18	25	32	39	20	28	36	43
	4	25	38	51	63	30	44	57	69	36	51	64	78	41	57	72	85
	6	32	48	63	79	38	55	71	87	46	64	81	97	52	72	90	107
	8	33	49	64	79	39	56	72	87	47	65	82	98	54	73	91	108
	10	34	49	64	79	40	57	72	88	49	66	83	99	56	75	92	109
	20	35	50	65	80	44	59	74	89	55	71	86	102	63	81	97	113
	60	35	50	65	80	45	60	75	90	60	75	90	105	75	90	105	120

h (m): Height of the air terminal over the surface to be protected (in meters).

D: Rolling Sphere radius.