

ARMOUR 60

Primary Terminal	
Rod Dia	: 19mm
Length	: 600mm
Material	: SS 316
Secondary Terminal (spike)	
Dimension	: 15X2mm
length	: 120mm
Dome	
Diameter	: 145mm
Height	: 220 mm
Thickness	: 2 mm
Advanced Triggering time	: 60 μ s
Material	: SS 304
Current Carrying Capacity	: 100 kA

ARMOUR 40

Primary Terminal	
Rod Dia	: 19mm
Length	: 600mm
Material	: SS 316
Secondary Terminal (spike)	
Dimension	: 15X2mm
length	: 120mm
Dome	
Diameter	: 145mm
Height	: 204 mm
Thickness	: 2 mm
Advanced Triggering time	: 40 μ s
Material	: SS 304
Current Carrying Capacity	: 100 kA

ARMOUR 25

Primary Terminal	
Rod Dia	: 19mm
Length	: 600mm
Material	: SS 316
Secondary Terminal (spike)	
Dimension	: 15X2mm
length	: 120mm
Dome	
Diameter	: 145mm
Height	: 164 mm
Thickness	: 2 mm
Advanced Triggering time	: 25 μ s
Material	: SS 304
Current Carrying Capacity	: 100 kA



Features and benefits

- Blunt tip - To strengthen the electric field energy at the tip of the air terminal
- Stainless steel 316 grade as primary air terminal to ensure
 - sufficient mechanical strength,
 - higher current carrying capacity,
 - excellent corrosion resistance,
 - high melting point
 - Long life.
- Secondary Air terminal made of SS 304 grade flats to capture side flashes occur during lightning event.
- Electro-mechanical device with no external power supply.
- Aesthetic & Unique Design
- **Armour ESE air terminal is tested and certified as per NFC 17-102/2011 for**
 - Advanced triggering time, ● Short circuit test and
 - Environmental test (salt mist & humid sulphur test) ● Mechanical dimension test.

Connecting Flange

Made of Nylon 6 polymer filled with glass fibre ensures,

- High mechanical strength
- Excellent wear resistance
- Good electrical insulating property
- Good resistance to high energy radiation (Gamma rays)



Base Plate & Supporting Mast

- Powder coating finish for high corrosion resistance
- Larger base plate with greater thickness to provide adequate strength and stability
- Hotdip galvanised mast for long life.

Height	ARMOUR 25 $\Delta T=25\mu s$				ARMOUR 40 $\Delta T=40\mu s$				ARMOUR 60 $\Delta T=60\mu s$			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
2	17	20	23	26	25	28	32	36	32	34	39	43
3	25	29	34	39	38	43	49	53	47	52	58	64
4	34	39	46	52	50	57	65	71	63	69	78	86
5	42	49	57	65	63	71	81	89	79	86	97	107
7	43	50	59	66	64	71	82	91	79	87	98	108
9	44	50	60	68	64	72	82	92	79	88	99	109
10	44	51	61	69	64	72	83	92	79	88	99	109