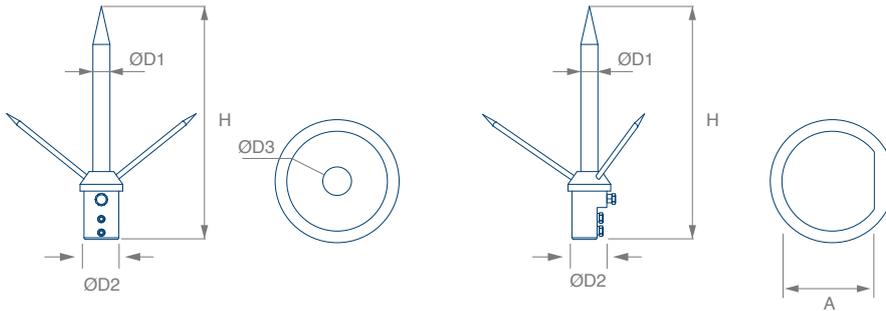




▶ MULTIPLE LIGHTNING ROD ADAPTABLE TO MAST

Multiple lightning rod adaptable to mast 1 1/4" o 1 1/2". Central and lateral points made of copper or stainless steel AISI 316, are integrated directly on the adapter head-mast. The adapter head mast is made of Cu/Zn (brass) with stainless steel hardware. There is the cable and plate version.



▶ operation

Uses the point effect, the effect by which the electrical charges around a conductor accumulates in sharp points.

▶ applications

- External protection of structures against lightning.
- Forms part of the passive protection system, conductive mesh points and Faraday cages.

▶ features and benefits

- Simplicity.
- Low cost.
- Easy installation.
- Conductors are connected forming conductive mesh or Faraday cages.

▶ technical specifications

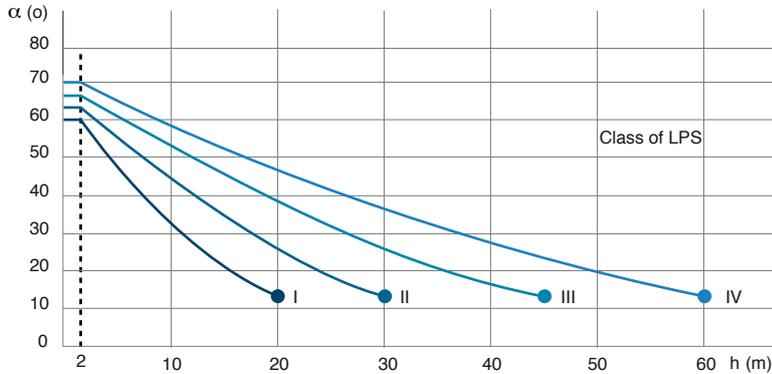
Multiple lightning rod adaptable	Reference	Material	H (mm)	D1 (mm)	D2 (mm)	D3 (mm)	A (mm)	Weight (g)
CU 1 1/4" cable	110021	Cu	344	20	35,5	12	-	1250
CU 1 1/2" cable	110020	Cu	344	20	41	12	-	1400
CU 1 1/4" tape	110025	Cu	344	20	35,5	-	25	1150
CU 1 1/2" tape	110024	Cu	344	20	41	-	30	1350
IN 1 1/4" cable	110019	Inox	344	20	35,5	12	-	1200
IN 1 1/2" cable	110018	Inox	344	20	41	12	-	1350
IN 1 1/4" tape	110023	Inox	344	20	35,5	-	25	1100
IN 1 1/2" tape	110022	Inox	344	20	41	-	30	1300

► installation

Direct mounting with an adapter head mast.

Following the IEC 62305-3, the installation design is function of the protection level and the building must be covered by the protected volume according with, these 3 different methods.

a) Protection angle (α)

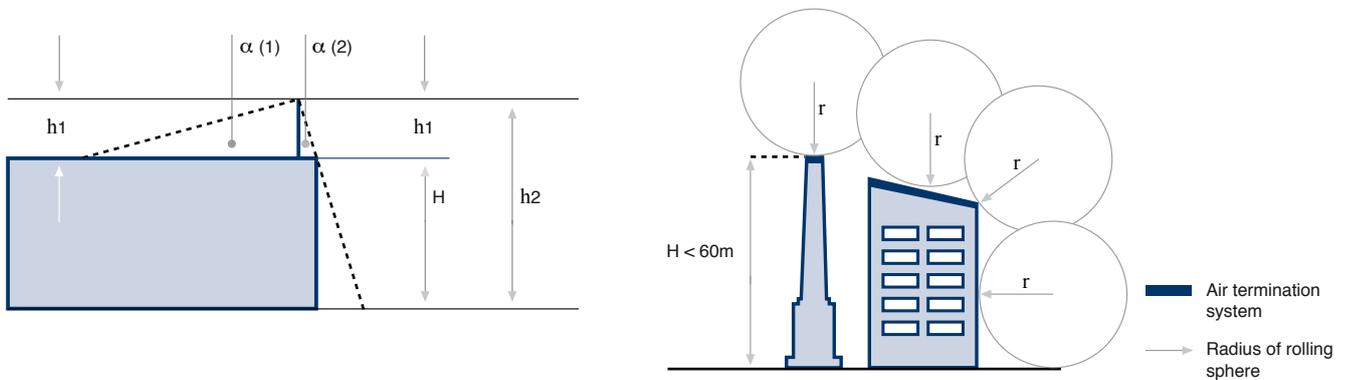


- NOTE 1. Not applicable beyond the values market with ●.
 Only rolling sphere and mesh methods apply in these cases.
- NOTE 2. (h) Is the height of air-termination above the reference plane of the area to be protected.
- NOTE 3. The angle will not change for values of h below 2 m.

b) Rolling sphere method and mesh method:

Class of LPS	Rolling sphere radius (m)	Mesh size (m)
I	20	5x5
II	30	10x10
III	45	15x15
IV	60	20x20

Maximum values of rolling sphere radius, mesh size and protection angle corresponding to the class of LPS.



► standards & tests

Application standards:

- IEC 62.305-3