

Grounding kit for tower and monopole is designed to dissipate to ground the electrical discharge picked up by the lightning protection system. It connects directly to the base of the structure and consists of a buried ring of conductor and grounding rods, surrounding the foundations.

It comprises:

1. zinc or copper plated grounding rods, length 1500 mm
2. bare conductor (tape or round wire) ring for connecting

3. the grounding rods surrounding the foundations
4. insulated copper conductor 35 mm² for connecting the base of the structure to the grounding rods (5 m plus terminals each grounding rod)
5. equipotential busbar with fixing (n.1 each grounding rod)
5. insulators, clamps and miscellaneous system accessories in non-ferrous metal

The item can be supplied with various sections and lengths, upon customer request.

Article	Grounding rods n°	CONDUCTOR			
		Length m	Type	Section mm ²	Material
GRPI 1115	1	10	wire	50	Cu
GRPI 1117	1	10	wire	70	Cu
GRPI 1126	1	10	tape	60 (30x2 mm)	Cu/Sn
GRPI 1131	1	10	tape	105 (30x3.5 mm)	Fe/Zn
GRPI 2215	2	20	wire	50	Cu
GRPI 2217	2	20	wire	70	Cu
GRPI 2226	2	20	tape	60 (30x2 mm)	Cu/Sn
GRPI 2231	2	20	tape	105 (30x3.5 mm)	Fe/Zn
GRPI 3315	3	30	wire	50	Cu
GRPI 3317	3	30	wire	70	Cu
GRPI 3326	3	30	tape	60 (30x2 mm)	Cu/Sn
GRPI 3331	3	30	tape	105 (30x3.5 mm)	Fe/Zn
GRPI 4415	4	40	wire	50	Cu
GRPI 4417	4	40	wire	70	Cu
GRPI 4426	4	40	tape	60 (30x2 mm)	Cu/Sn
GRPI 4431	4	40	tape	105 (30x3.5 mm)	Fe/Zn

Legend

Cu Copper
Cu/Sn Copper with tin coating

Fe/Zn Zinc-coating steel
(70 µm - mean value 500 gr/m²)

installation example

