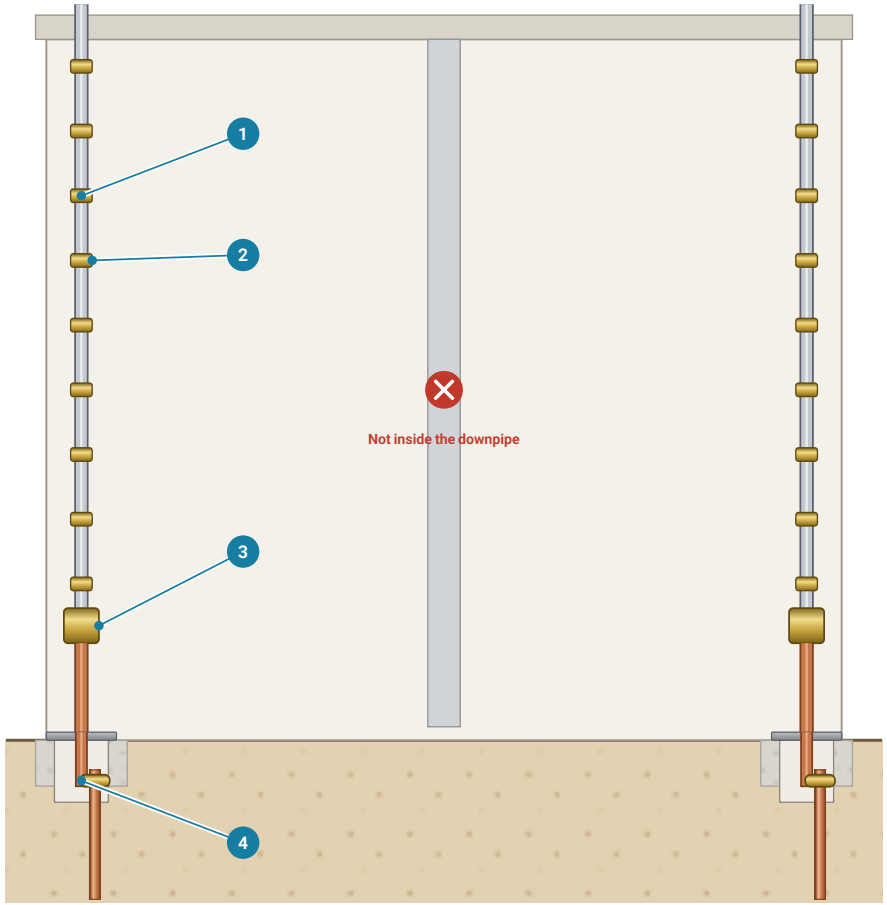
Roof network and down conductor with tinned copper tape

Elevation and roof plan, with protection class table

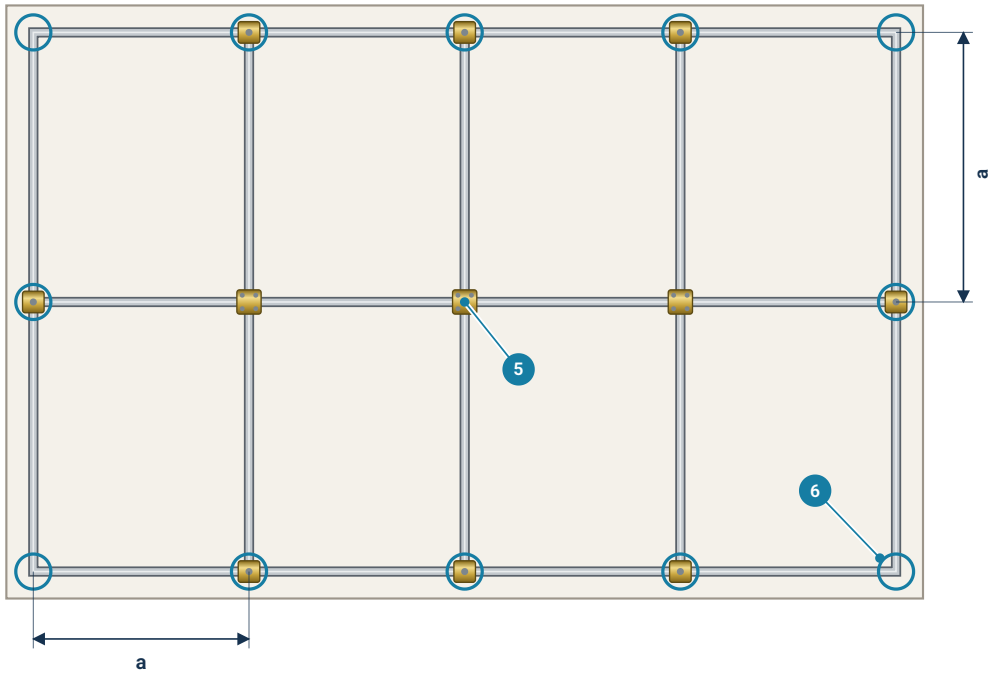
TIN-PLATED COPPER TAPE · TPBT 203–305

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Elevation: down conductor to the measuring point



Roof plan: air-termination mesh



Protection class	Roof mesh size (m)	Down conductor spacing (m)
I	5 × 5	10
II	10 × 10	10
III	15 × 15	15
IV	20 × 20	20

From the IEC 62305-3:2010 tables; the design sets the final size.

In the plan, down conductor spacing is drawn equal to the mesh size.

1. Tinned tape down conductor from the building corner
2. Brass wall clamp, every 1 m on vertical runs up to 20 m
3. Brass disconnector above ground level
4. Below the test joint: plain copper conductor down to the earth pit, with concrete around it
5. Square four-way clamp at crossings and T joints
6. Down conductors at the corners and at the table spacing around the building

The schematic is illustrative and not to scale.

We keep improving our products; please confirm final dimensions with our experts.

This document is not contractual; we may update product design, dimensions, weights and images without prior notice.

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