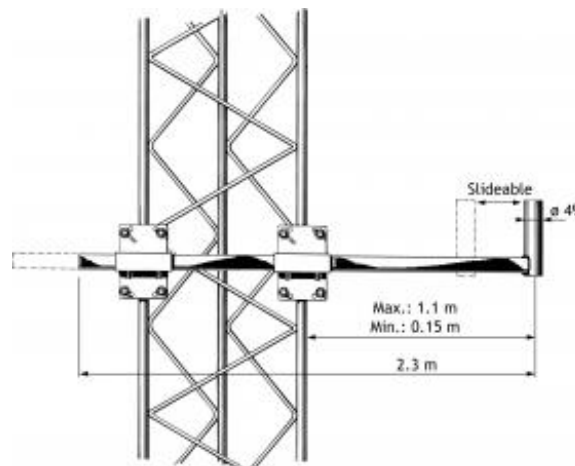


Slideable Side-Mounting Clamp for Base Station Antennas

DESCRIPTION

- This slideable side-mounting clamp provides the possibility of mounting the antenna on the arm with the arm in retracted state (antenna close to tower).
- After mounting the antenna on the arm, the arm can be slid out to the required stand-off distance.
- Eliminates dangerous struggling with heavy antennas at the end of fixed-length stand-off arms.
- SMC 2300/65-105 consists of:
 - Two mast fixation clamps for mast leg diameters 65 - 105 mm (for fixation across two mast legs).
 - One 2.3 m long slideable arm.
- Designed to carry all Procom antennas including CXL 70-8HD/...-PT and CXL 2-5HD/... mounted with stabilizing brackets (FB-HD/78).



ORDERING

| Type | Product No. |
|-----------------|-------------|
| SMC 2300/65-105 | 100000047 |

SPECIFICATIONS

| Mechanical | |
|--------------------|---|
| Wind Area | 0.073 sq. m / 0.79 sq. ft |
| Arm Length | 2.3 m / 90.55 in. |
| Materials | Hot-dipped galvanized steel |
| Mounting Section | 49mm Antenna Base |
| Stand-Off Distance | Depending on side-length of mast. With a distance between mast legs of 1 m, side-mounting distance will be variable from 0.15 m to 1.10 m |
| Wind Load | 93 N (160km/h) |
| Weight | 10 kg / 22.05 lb |
| Mounting | Mounts across two legs of square or triangular towers with round legs: Max. dia. 105 mm, Min. dia. 65 mm |

ADDITIONAL DATA

PLEASE NOTE

The optimum position for an omnidirectional antenna is at the top of the mast as this ensures undisturbed radiation in all horizontal directions.

Mounting of an omnidirectional antenna at the side of a mast imposes some distortion of the radiation pattern as well as the SWR. The influence is dependent on the distance to the mast and the mast diameter.

Often this effect can be advantageously exploited to create directional patterns when a certain "preferred area" has to be covered by the antenna system.

