

## S.1-405

### Centre fed folded dipole 380 - 430 MHz

#### Beschreibung

- A UHF Center Fed Dipole antenna for PMR/Trunked Radio applications.
- Multiple dipoles can be mounted on a tower and connected with a phasing harness to form a high gain, stacked array.
- Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.
- Former Skymasts brand product.



BESTELLUNG

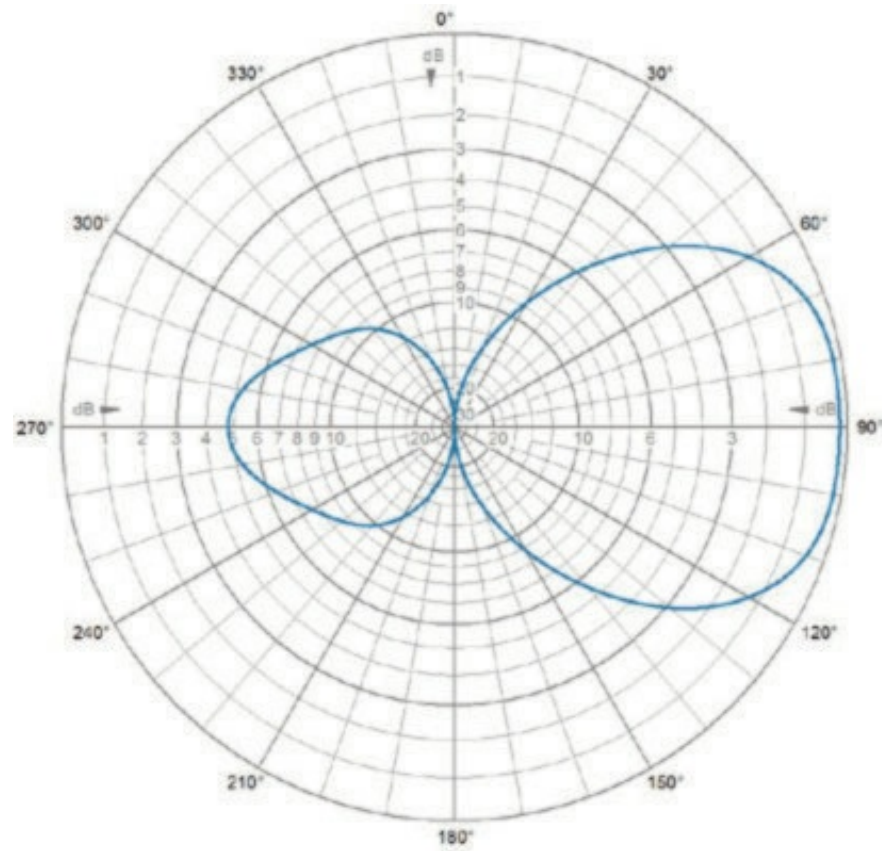
| Modell                                        | Produkt Nr | Frequenz      |
|-----------------------------------------------|------------|---------------|
| Centre fed folded dipole                      | S.1-405    | 380 - 430 MHz |
| Accessories                                   |            |               |
| Galvanised steel crossover bracket 32/50 mm   | 0900912/00 |               |
| Pressed steel cross clamp 2" x 1-1/4" (JBL73) | 0302032/68 |               |
| Cast aluminium cross clamp, circular          | 0300064/00 |               |
| M8 x 50 mm (2") U-Bolts (1 Pair)              | 4884036/00 |               |
| M8 x 75 mm (3") U-Bolts (1 Pair)              | 4884076/00 |               |
| Fixed norstel / coupler clamp (cross clamp)   | 3202078/68 |               |
| Increasing sleeve                             | 3201079/00 |               |

SPEZIFIKATIONEN

| Elektrisch DE                   |                                                                                                      |
|---------------------------------|------------------------------------------------------------------------------------------------------|
| Modell                          | S.1-405                                                                                              |
| Frequenz                        | 380 - 430 MHz                                                                                        |
| Max. Eingangsleistung           | 150 W                                                                                                |
| Polarisation                    | Linear (vertikal und horizontal)                                                                     |
| Öffnungswinkel 3 dB, vertikal   | 80 °                                                                                                 |
| Öffnungswinkel 3 dB, horizontal | Omni - will depend on mounting distance from mast.                                                   |
| Impedanz                        | 50 Ω                                                                                                 |
| Gewinn                          | 0 dBd (omni - will depend on mounting distance from mast)                                            |
| VSWR                            | < 1.5:1                                                                                              |
| Antistatischer Schutz           | Alle Metallteile DC-geerdet (Stecker zeigt einen DC-Kurzschluss)                                     |
| Mechanisch DE                   |                                                                                                      |
| Anschlussstyp                   | N(f) an 3m RG213 / U Kabel                                                                           |
| Materialien                     | Boom, 32 mm dia. aluminium elements, 12.7 mm dia. aluminium balun, fully moulded enclosure           |
| Abmessungen                     | 1000 x 330 x 95 mm                                                                                   |
| Windlast                        | 82 N (160 km/h)                                                                                      |
| Gewicht                         | ca. 2.4 kg                                                                                           |
| Montagehalterung                | 3202078/68 + 3201079/00 (Ordered Separately)                                                         |
| Schutzverschluss                | Polyurethanharz U-600                                                                                |
| Alternative Montagehalterung    | 0900912/00, 0302032/68, or 0300064/00 + U-Bolts to match mounting pipe diameter (Ordered Separately) |
| Umwelt                          |                                                                                                      |
| IP Schutzklasse                 | IP68                                                                                                 |

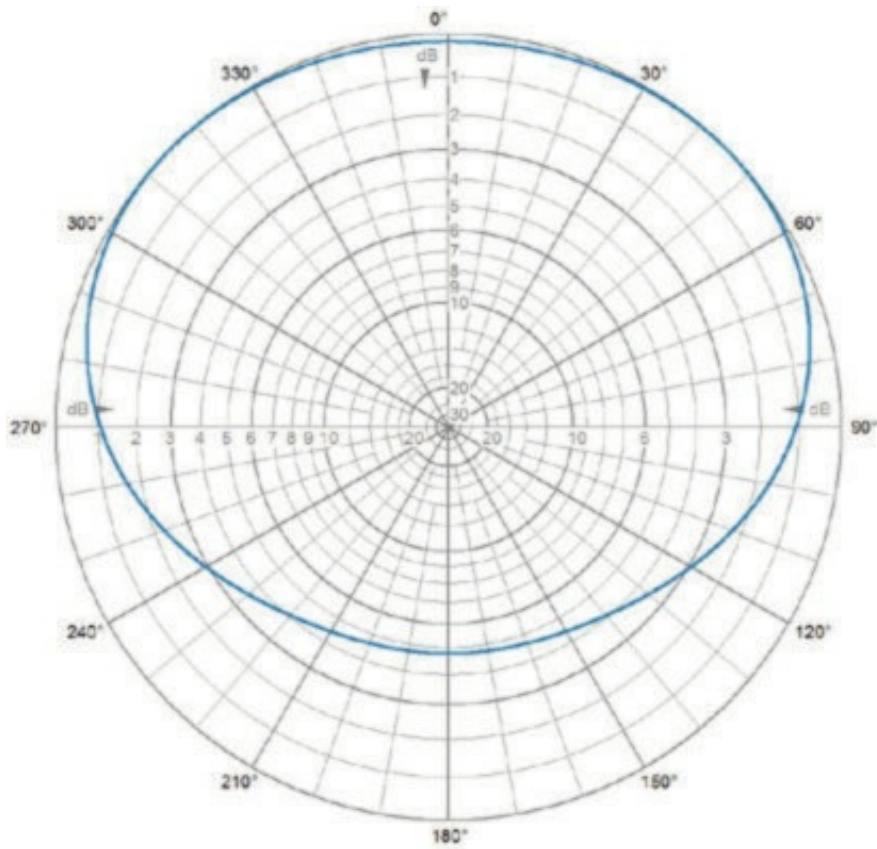
## DIAGRAM

## STRAHLUNGSDIAGRAMM



E-Plane | 405 MHz

## STRAHLUNGSDIAGRAMM



H-Plane | 405 MHz