

6 dBd Omnidirectional Base Station and Marine Antenna  
for the 5700 MHz Band

BESCHREIBUNG

- Vertically polarized, omnidirectional base station and marine antenna.
- Approximately 6 dBd gain.
- Wide variety of accessory mounting brackets available.
- Highly suitable for duplex operation with large spacing between the Tx and the Rx frequencies.
- The antenna element is sealed in a high-quality, conical glass fibre tube.
- The CXL 5700-6 is a vibration-proof, lightweight, slim-line, corrosion resistant, modern style base station and marine antenna.



SPEZIFIKATIONEN

| Elektrisch DE                   |                                                                  |
|---------------------------------|------------------------------------------------------------------|
| Modell                          | CXL 5700-6                                                       |
| Frequenz                        | 5450 - 5750 MHz                                                  |
| Antennentyp                     | Kollinear, breitbandig                                           |
| Max. Eingangsleistung           | 100 W                                                            |
| Polarisation                    | Vertikal                                                         |
| Öffnungswinkel 3 dB, vertikal   | 14 °                                                             |
| Öffnungswinkel 3 dB, horizontal | Omnidirektional                                                  |
| Impedanz                        | 50 Ω                                                             |
| Gewinn                          | 6 dBd (8.2 dBi)                                                  |
| VSWR                            | < 2.0:1                                                          |
| Bandbreite                      | 300 MHz                                                          |
| Antistatischer Schutz           | Alle Metallteile DC-geerdet (Stecker zeigt einen DC-Kurzschluss) |
| HCM-Code(s)                     | HCM000ND00, 005DE40                                              |

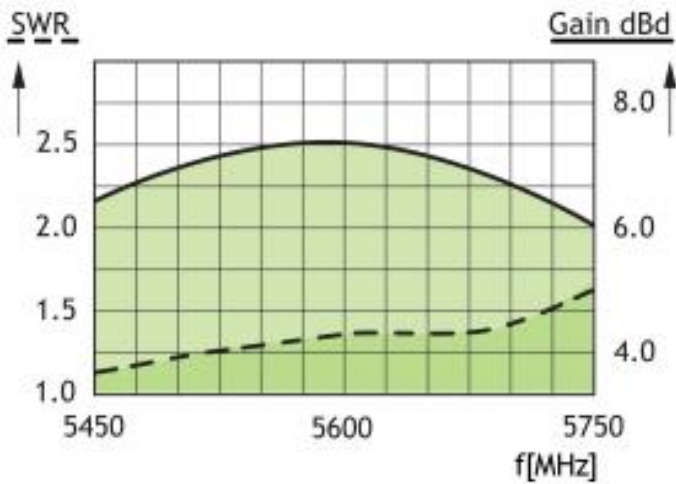
| Mechanisch DE        |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| Anschlusstyp         | N(f)                                                                                        |
| Materialien          | Shroud: Polyurethane-coated glass fibre<br>Mounting bracket: Chromed brass                  |
| Farbe                | weiß (RAL 9003)                                                                             |
| Windbereich          | 0.007 sq. m                                                                                 |
| Windlast             | 10 N (160 km/h)                                                                             |
| Dia. Am Oberen Ende  | 13 mm                                                                                       |
| Dia. Am Unteren Ende | 16 mm                                                                                       |
| Höhe                 | ca. 404 mm.                                                                                 |
| Gewicht              | ca. 0.2 kg                                                                                  |
| Montage              | On 1" RG (G1" - 11) threaded water pipe or on optional mounting brackets (see accessories ) |

| Umwelt                    |                  |
|---------------------------|------------------|
| Betriebstemperaturbereich | -30 °C to +70 °C |

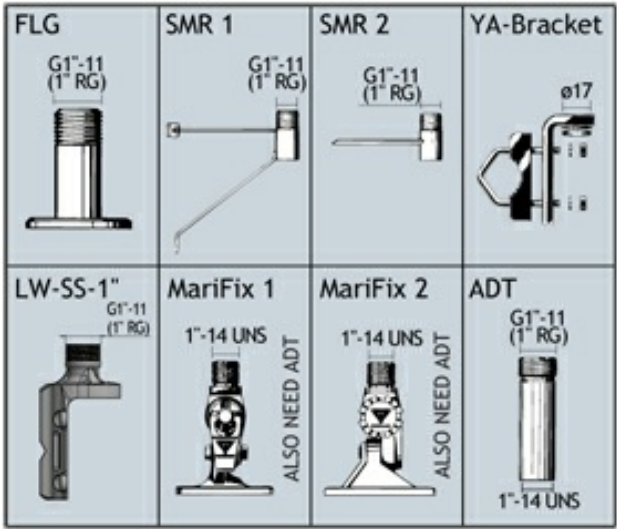
BESTELLUNG

| Modell     | Produkt Nr |
|------------|------------|
| CXL 5700-6 | 100000291  |

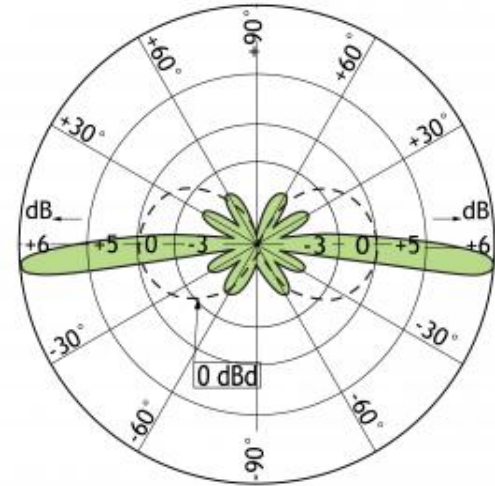
TYPICAL GAIN AND SWR CURVES



ACCESSORIES (TO BE ORDERED SEPARATELY)



TYPICAL RADIATION PATTERN (E-PLANE)



TYPICAL RADIATION PATTERN (H-PLANE)

