

COLU-100/4F

COLINEAR FIXED ANTENNA OMNIDIRECTIONAL UHF

Omnidirectional collinear antenna for the UHF range with 4 elements and 11.15 dBi gain.

Made of aluminum, this antenna is recommended for repeater stations.

It has a low irradiation angle, ensuring excellent coverage on rough terrain.

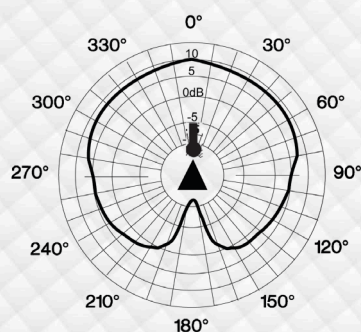
Due to its technical characteristics, this antenna is especially suitable for high-traffic radio communication systems.

| Partnumber | Model | Range |
|------------|-------------|---------------|
| 502148 | COLU-100/4F | 380 / 400 MHz |

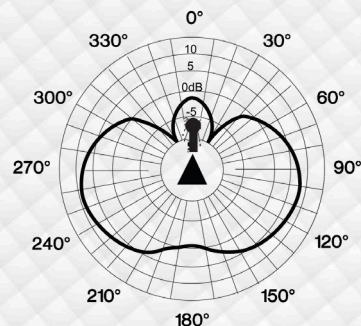
| ELECTRICAL SPECIFICATIONS | |
|---------------------------|---------------------|
| VSWR | $\leq 1,5 : 1$ |
| Polarization | Vertical |
| Nominal impedance | 50 Ω |
| Maximum power | 300 Watts |
| 1/2 POT angle | Plan H 390 MHz 190° |
| 1/2 POT angle | Plan E 390 MHz 14° |
| Protection | Grounded elements |

| MECHANICAL SPECIFICATIONS | |
|---------------------------|-----------------------|
| Gondola diameter | 44,45 mm |
| Gondola length | 2700 mm |
| Weight | 8,500 Kg |
| Wind exposure area | 0,175 m ² |
| Termination | N female |
| Basic material | Aluminum |
| Operating wind | $\geq 110\text{Km/h}$ |
| Wind of survival | $\geq 200\text{Km/h}$ |

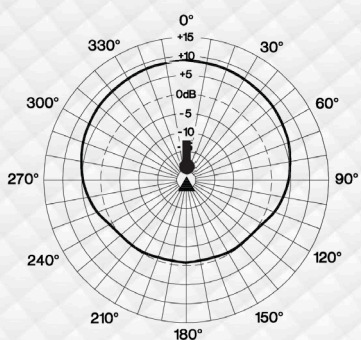
| GAIN | SETTINGS |
|-----------|-------------------------|
| 8.15 dBi | Omnidirectional dipoles |
| 8.15 dBi | Bidirectional dipoles |
| 11.15 dBi | Offset dipoles |



Elementos apontados para fora da torre



Elementos apontados para torre



Antena montada no topo da torre

