

Indoor Directional Antenna Vertical Polarization Half-power Beam Width

380... 470

V

90°

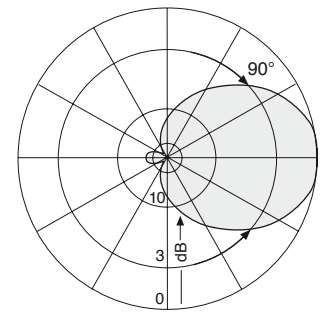
KATHREIN
Antennen · Electronic

800 10278: VPol Indoor 380–405 90° 7dBi
800 10330: VPol Indoor 405–430 90° 7dBi
800 10633: VPol Indoor 450–470 90° 7dBi

| Type No. | 800 10278 | 800 10330 | 800 10633 |
|-----------------------|-------------------------------------|-------------------------|-------------------------|
| Frequency range | 380 – 405 MHz | 405 – 430 MHz | 450 – 470 MHz |
| Polarization | Vertical | Vertical | Vertical |
| Gain | Approx. 7 dBi | Approx. 7 dBi | Approx. 7 dBi |
| Half-power beam width | Horizontal: Approx. 90° | Horizontal: Approx. 90° | Horizontal: Approx. 90° |
| Impedance | 50 Ω | 50 Ω | 50 Ω |
| VSWR | < 2.0 | < 2.0 | < 2.0 |
| Max. power | 50 W (at 50 °C ambient temperature) | | |
| Input | N female connector | | |
| Protection class | IP 30 | | |
| Weight | 1390 g | | |
| Packing size | 315 x 252 x 62 mm | | |
| Height/width/depth | 302 x 243 x 50 mm | | |

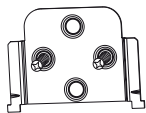


- Material:** Reflector: Copper.
Radome: High impact polystyrol, colour: White.
Additional painting is possible.
Mounting plates: Stainless steel.
- Mounting:** Two holes of 6 mm diameter in the mounting plate.
Screws are not supplied
- Grounding:** All metal parts inclusive the inner conductor are DC grounded.
- Available accessories:** Power splitters (380 – 512 MHz)

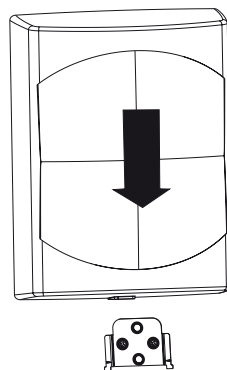


Horizontal Pattern

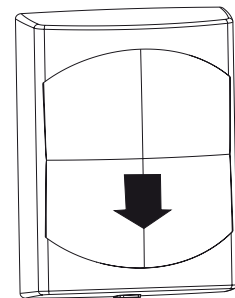
Mounting:



Mount the attachment plate to the wall using two screws of 4 mm diameter in the position as indicated.



Align the antenna over the attachment plate.



Pull the antenna down to the stop.

936.2685/b Subject to alteration.

All specifications are subject to change without notice.
The latest specifications are available at www.kathreinusa.com

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