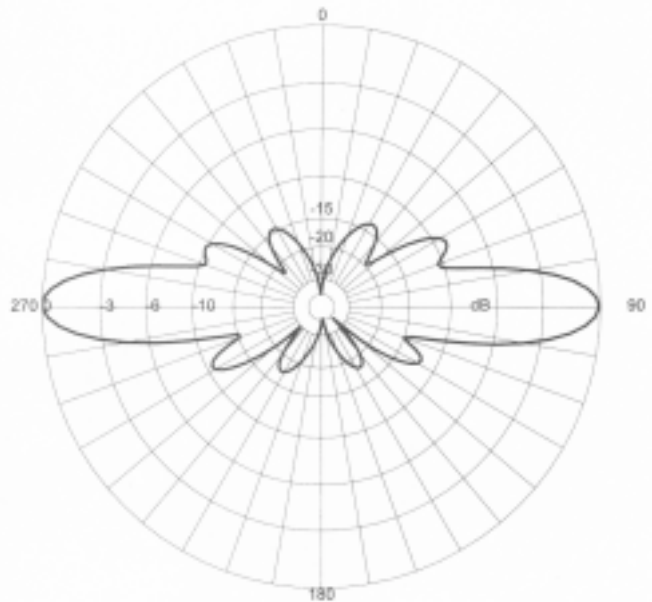


**UHF-antenner 370 – 470 MHz**

**Sigma CATC/G3 Collinear antenna 380-511 MHz**



Typical E-Plane Polar Diagram UHF



|                        |                                |
|------------------------|--------------------------------|
| Frequency ranges       | 380-511MHz                     |
| Bandwith               | 4%                             |
| Impedance              | 50 Ω                           |
| VSWR                   | 1,5:1                          |
| Polarisation           | Vertical                       |
| Gain                   | 3 dBd                          |
| E-plane 3 dB beamwidth | 16°                            |
| H-plane 3 db beamwidth | -                              |
| Front to back ratio    | -                              |
| Max continous power    | 75 W                           |
| RF-connector           | N female                       |
| Rated Wind Velocity    | 193 km/h                       |
| Dimensions (H x W x D) | H 1460                         |
| Weight                 | 0,85 kg                        |
| Mounting diameter      | ∅ 32-51 mm pipe                |
| Materials              | Green tapered glass fibre tube |
| Options                | -                              |

**V 000603**



## UHF-antenner 370 – 470 MHz

Sigma CATC/G3 Collinear antenna 380-511 MHz

| Frequency band (MHz) | Model      | Gain dBd | Centre frequency (MHz) | Approximate Length mm | Wind Loading (kg) at 193 km/h |
|----------------------|------------|----------|------------------------|-----------------------|-------------------------------|
| 380-396              | CATC390/G3 | 3        | 388,0                  | 1460                  | 6,1                           |
| 387-404              | CATC395/G3 | 3        | 395,5                  | 1460                  | 6,1                           |
| 395-412              | CATC400/G3 | 3        | 403,5                  | 1460                  | 6,1                           |
| 403-421              | CATC410/G3 | 3        | 412,0                  | 1460                  | 6,1                           |
| 412-430              | CATC420/G3 | 3        | 421,0                  | 1460                  | 6,1                           |
| 421-439              | CATC430/G3 | 3        | 430,0                  | 1460                  | 6,1                           |
| 430-450              | CATC440/G3 | 3        | 440,0                  | 1460                  | 6,1                           |
| 441-460              | CATC450/G3 | 3        | 450,5                  | 1460                  | 6,1                           |
| 450-470              | CATC460/G3 | 3        | 460,0                  | 1460                  | 6,1                           |
| 460-480              | CATC470/G3 | 3        | 470,0                  | 1460                  | 6,1                           |
| 470-490              | CATC480/G3 | 3        | 480,0                  | 1460                  | 6,1                           |
| 480-501              | CATC490/G3 | 3        | 490,5                  | 1460                  | 6,1                           |
| 490-511              | CATC500/G3 | 3        | 500,5                  | 1460                  | 6,1                           |