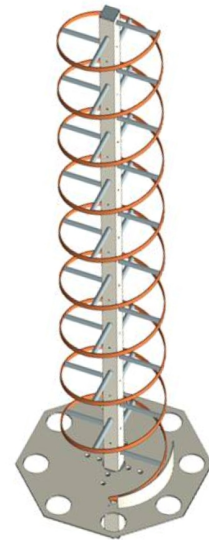


UHF helical Antenna

Type TH0405R10/350 Technical data and Typical radiation pattern

ELECTRICAL SPECIFICATIONS

- Frequency Range 400 to 470 MHz
- Polarization circular RHC (optional circular LHC)
- Gain
 - 10,2 dBic at 400 MHz
 - 10,8 dBic at 430 MHz
 - 11,5 dBic at 470 MHz
- Midband HPBW 35 deg.
- Impedance 50 Ohms
- VSWR better than 1,5:1 (better than 1,2:1 in midband)
- Front to Back Ratio >20 dB
- Side Lobes <14 dB



MECHANICAL SPECIFICATIONS

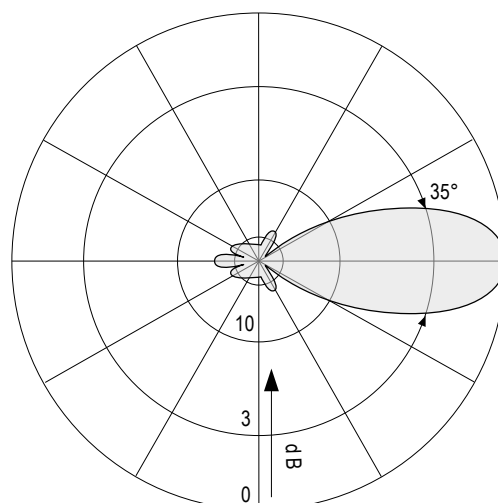
- Connector Type N-female
- Antenna Length
 - Total 1520 mm (60 inch)
 - Reflector to top 1320 mm (52 inch)
- Reflector Size octal 350 x 350 mm
- Mounting Depending on Mount Kit Mast or wall
- Weight ≤2650 g (5,85 lb)

ENVIRONMENTAL SPECIFICATIONS

- Temperature Range -40°C to +85°C (-40°F to +185°F)
- Wind Velocity max. 200 km/h

OPTION

- optional LHC: TH0405L10



Relative field strength in mid-band