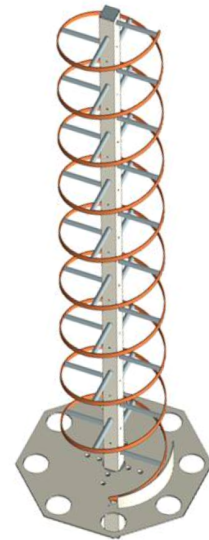


UHF helical Antenna

Type TH0405R10/350 Technical data and Typical radiation pattern

ELECTRICAL SPECIFICATIONS

- Frequency Range 400 to 470 MHz
- Polarization circular RHC
- 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

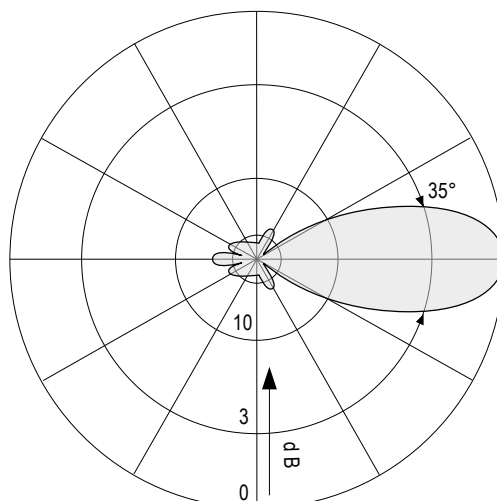
- Connector Type N-female
- Antenna Length 1500 mm (59.0 inch)
- Reflector Size octal 350 x 350 mm
- Mounting by Mount Kit for 35 to 63 mm (1.4 to 2.5 in) mast diameter
- Weight ≤4000 grams (9,0 lb) incl. mount kit

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