

CIRCULAR POLARIZED S-BAND HEMI ANTENNA

Antenna type TT2325R2



ELECTRICAL SPECIFICATIONS

- Frequency Range 2.3 to 2.5 GHz
- Polarisation RHC
- Gain/ELEV Pattern max. 4 dBic
min. 0 dBic in boresight over $\pm 50^\circ$
min. -6 dBic at $\pm 90^\circ$
- AZ Pattern omni 360°
- Power Rating 10 Watts CW
- Impedance 50 Ohms
- Connector SMA-f
- VSWR better than 1,5:1

The hemi antenna model TT2325R2 is a circular polarised antenna for hemispherical coverage, specially designed for applications in the frequency range from 2.3 to 2.5 GHz. This rugged, superior constructed antenna is enclosed in a hermetically sealed radome. It is designed to withstand ice, snow, high winds and most severe saltwater, oil and most common chemical fumes.

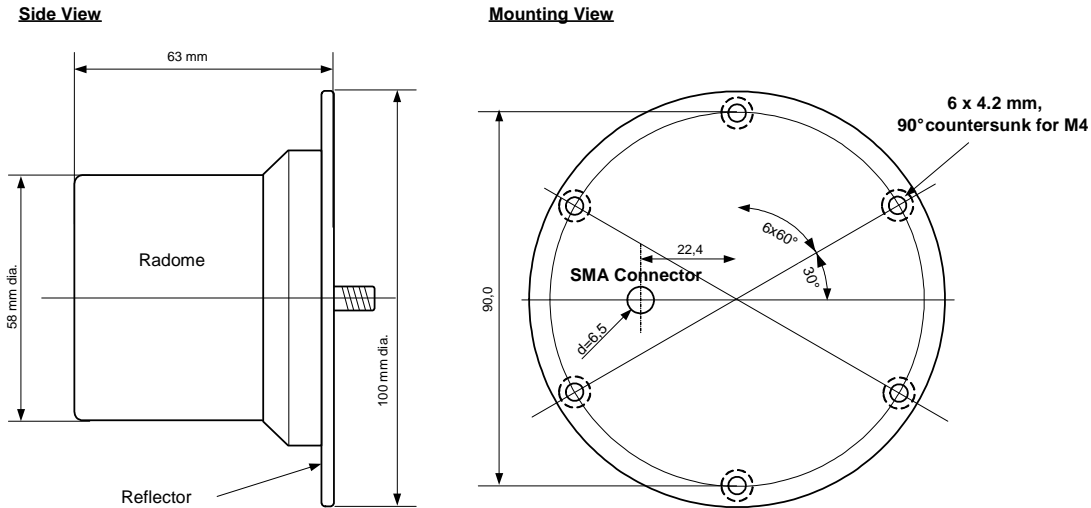
MECHANICAL SPECIFICATIONS

- Connector Type SMA-female
- Antenna Dimensions
Height 63 mm (2.5 inch)
Diameter 100 mm (4.0 inch)
- Colours radome - beige
reflector and mounting set - eloxal black
- Mounting 6 holes a` 4.2 mm dia.
at 90 mm circle oriented by 60°
- Weight Antenna ≤ 160 gramms (.36 lb)

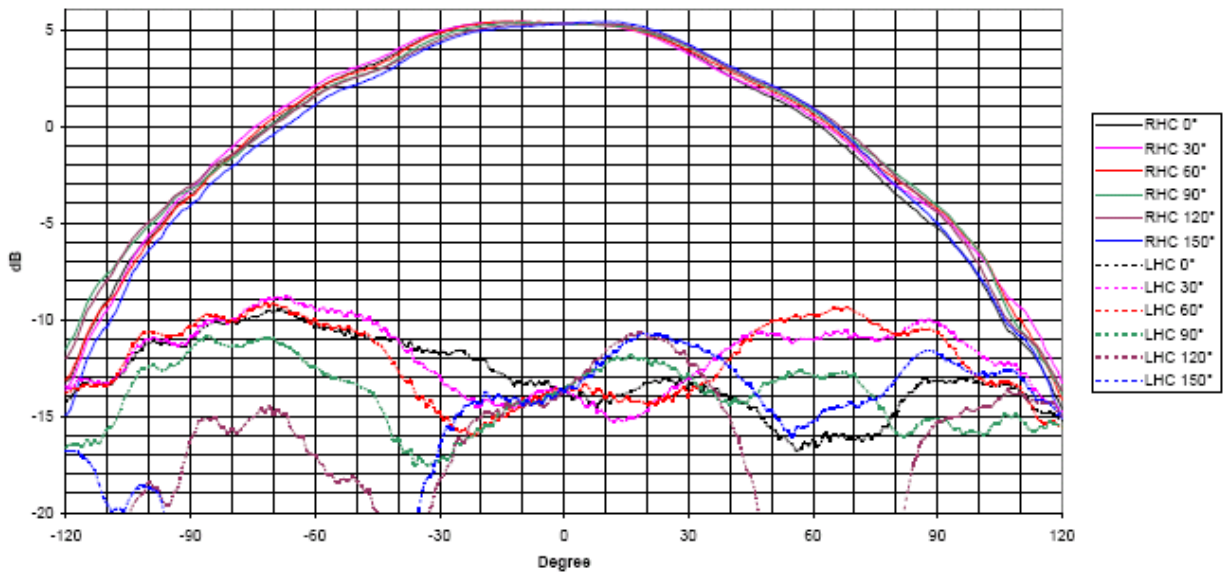
ENVIRONMENTAL SPECIFICATIONS

- Temperature Range -55°C to $+125^\circ\text{C}$ (-100°F to $+26^\circ\text{F}$)
- Wind Velocity max. 350 km/h (220 mph)

OUTLINE DIMENSIONS



TYPICAL RADIATION PATTERN at 2400 MHz



OPTIONS

Follow options are available on request:

- LHC polarised antenna TT2325L2