



DIRECTIONAL ANTENNAS

in Circular Polarization

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DESCRIPTION

HYPTRA designed a range of directional antennas using circular polarization in the S frequency band. The aerial is designed for harsh environments: -40°C to +85°C operating temperature, seawater resistant.

Antennas can be used in receive or transmit mode.

In option, when used in reception, the antenna can be equipped with filter and LNA.



Reference: NE 0006



Reference: NE 0010



Reference: NE 0031



Reference: NE 5023



Reference: NE 5225

SPECIFICATIONS

| | NE 0006 | NE 0010 | NE0031 | NE5023 | NE 5225 |
|------------------------|----------|---------|--------|-----------|-----------|
| Frequency (MHz) * | 2400 | 2400 | 2400 | 2400 | 2400 |
| Type | Array | Array | Array | Parabolic | Parabolic |
| Frequency band (MHz) | 250 | 250 | 300 | 250 | 250 |
| Gain (dBi) | 10 | 15 | 16.5 | 17.5 | 20.5 |
| El. beamwidth@3 dB (°) | 80 | 40 | 6 | 23 | 13 |
| Az. beamwidth@3 dB (°) | 20 | 20 | 90 | 23 | 13 |
| Connector | N female | | | | |
| Height (mm) | 320 | 360 | 1120 | 430 | 630 |
| Width (mm) | 100 | 160 | 160 | 430 | 630 |
| Depth (mm) | 80 | 90 | 90 | 230 | 370 |
| Weight (Kg) | 1.5 | 3.7 | 10 | 2.2 | 4.5 |

* others bands available upon request