



DIRECTIONAL ANTENNAS

in Circular Polarization

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 5023



Reference: NE 5225



Reference: NE 0031

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