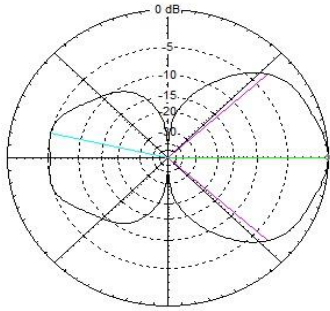


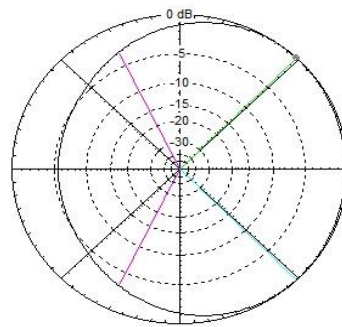


Vertically or horizontally polarized tuned dipole . Entirely build out of aluminium or stainless steel . Rugged and lightweight design , high performance due tuning on frequency . The ideal antenna for maximum frequency dependant operation . Comes with heavy duty hot dip galvanized steel mounting bracket .

## Electrical specifications :

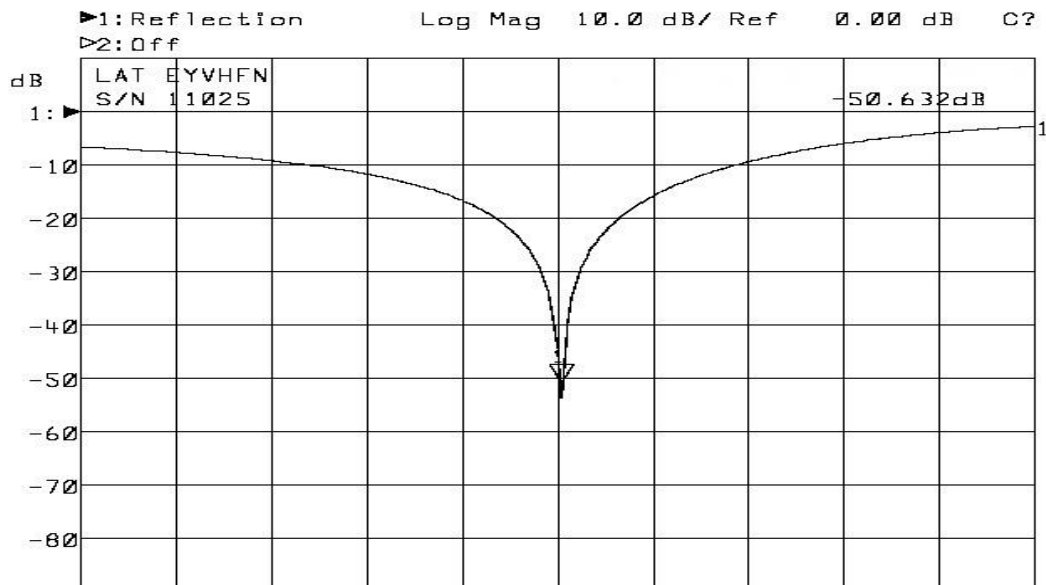


Vertical radiation pattern  
vertical polarisation



Horizontal radiation pattern  
vertical polarisation

Frequency range :	tuned between 174 - 240 MHz
Bandwidth :	5% $\Delta F_c$
Gain :	2,6dB (ref.dipole)
HPBW (-3dB) H :	210°
HPBW (-3dB) V :	70°
VSWR :	< 1,03:1 (35dB return loss)
Input connector :	N female
Impedance :	50 $\Omega$
Max power (single carrier) :	800W N / 1800W 7/16



Typical return loss response on center frequency

## **Mechanical specifications :**

Materials :	Aluminium or stainless steel
Dimensions :	860-620mm x 1000mm
Mounting :	40 - 90 mm up to 120mm on request
Grounding :	DC grounded elements
Icing protection :	optional fiber radome
Weight (including mount) :	2 Kg alu version , 5,2Kg stainless version
Stacking distance :	1500 mm or depending on system

## **Models and accessories :**

### Models :

- LATTD200N low power version max. 800W single carrier , aluminium
- LATTD200NS low power version max. 800W single carrier , stainless steel