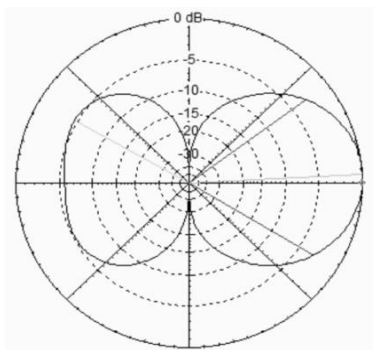


LATTD108

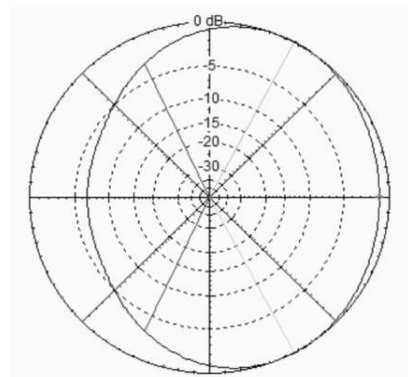
FM band tuned dipole

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

Specifications subject to change without notice.

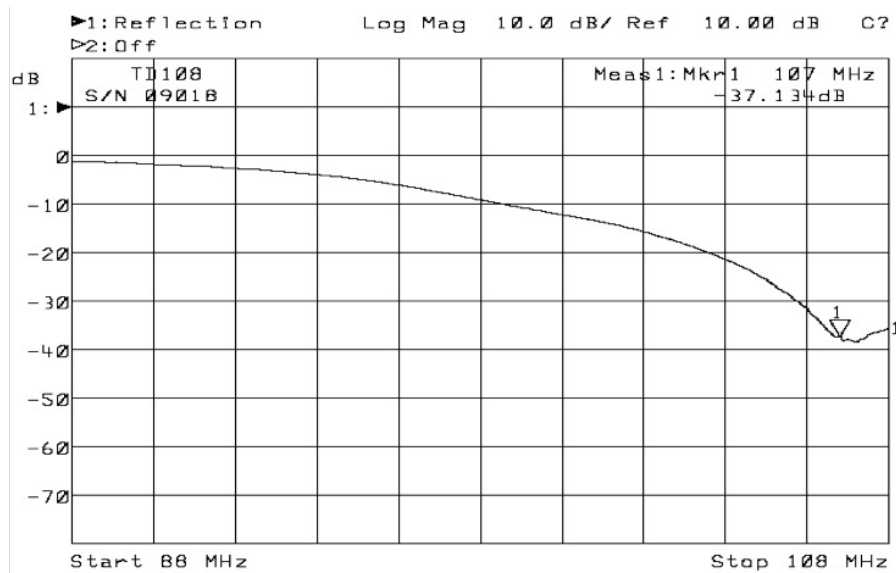


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Specifications

Frequency range	tuned between 87,5 - 108 MHz
Bandwidth	5% ΔF_c
Gain	2,6 dB (ref. dipole)
HPBW (-3dB) H	210°
HPBW (-3dB) V	70°
VSWR	< 1,03:1 (35dB return loss)
Input connector	N female , 7/16 female or EIA 7/8
Impedance	50 Ω
Max power (single carrier)	800W N , 2,5KW 7/16 , 5KW 7/8



Typical return loss response on center frequency

Specifications subject to change without notice.



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Mechanical specifications

Materials	Aluminium or stainless steel
Dimensions	1600-1250mm x 1000mm
Mounting	40 - 90 mm up to 120mm on request
Grounding	DC grounded elements
Icing protection	optional fiber radome
Weight (including mount)	2,6 Kg alu version , 4,8 Kg stainless version
Stacking distance	2700 mm depending on system

Models and accessories

Models:

- **Model LATTD108L** low power version max. 800W single carrier , N type connector
- **Model LATTD108M** medium power version max. 2500W single carrier , 7/16 type connector
- **Model LATTD108H** high power version max. 5000W single carrier , EIA 7/8 flange connector
- **Model LATTD108LS** stainless steel version
- **Model LATTD108MS** stainless steel version
- **Model LATTD108HS** stainless steel version

Accessories:

- **Model LATRND 120** hot dip galvanized bracket up to 120mm OD mount

Specifications subject to change without notice.



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