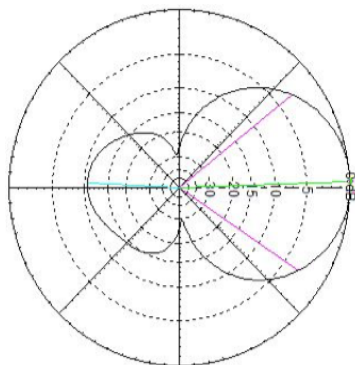


LAT2EY108

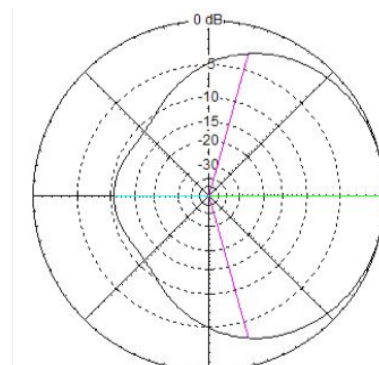
FM band tuned directional 2 elements yagi

Vertically or horizontally polarized directional 2 elements antenna . 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. The antenna is completely demmountabel for easy shipment .

Electrical specifications:



Vertical radiation pattern
vertical polarisation



Horizontal radiation pattern
vertical polarisation

Specifications subject to change without notice.

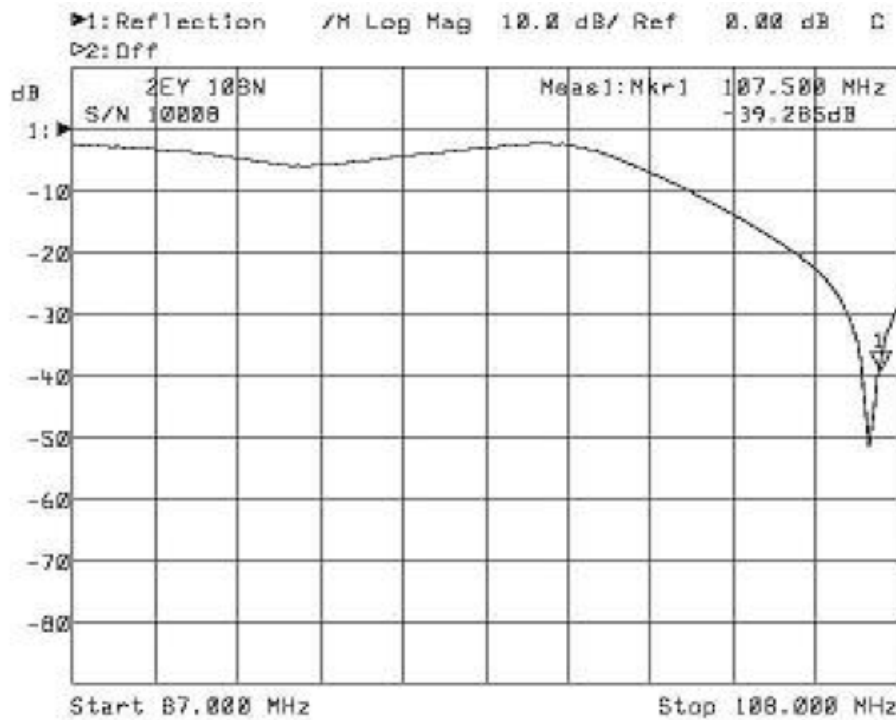


Menenstraat 11D
8930 Lauwe
Belgium

Tel: +32 (0) 56 29 52 07
Email: info@lambdaanttech.be
Web: www.lambdaanttech.be

Specifications

Frequency range	tuned between 87,5 - 108 MHz
Bandwidth	1% ΔF_c
Gain	4 dB (ref. dipole)
HPBW (-3dB) H	148°
HPBW (-3dB) V	71°
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.



Menenstraat 11D
8930 Lauwe
Belgium

Tel: +32 (0) 56 29 52 07
Email: info@lambdaanttech.be
Web: www.lambdaanttech.be

Mechanical specifications

Materials	Aluminium or stainless steel
Dimensions	1480 x 2100 mm @ midband
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 LAT2EY108L** low power version max. 800W single carrier , N type connector
- **Model LAT2EY108M** medium power version max. 2500W single carrier , 7/16 type connector
- **Model LAT2EY108H** high power version max. 5000W single carrier , EIA 7/8 flange connector
- **Model LAT2EY108LS** stainless steel version
- **Model LAT2EY108MS** stainless steel version
- **Model LAT2EY108HS** stainless steel version

Accessories:

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

Technical data

Frequency ⁽¹⁾	87,5 ... 108 MHz	Front/back	11 dB
Gain	5 dB (ref dipole)	Connection	N - type (7/16 optional)
Aperture angle 3dB	135° h , 68° E	VSWR	< 1,1 (Fc)
Imperdance	50 Ω	Bandwith	2 % (Fc)
Max Power	600 watt	Mounting	dia. 35 to 90 mm
Weight	2,7 Kg	Windload (150km/h)	62 N

Frequency on request .

Specifications subject to change without notice.



Menenstraat 11D
8930 Lauwe
Belgium

Tel: +32 (0) 56 29 52 07
Email: info@lambdaanttech.be
Web: www.lambdaanttech.be