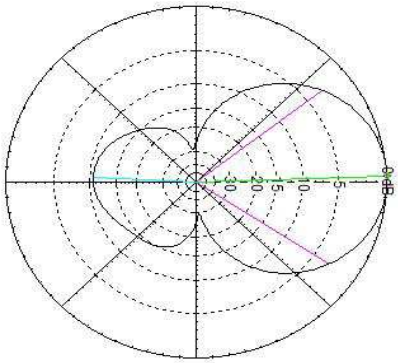
www.lambdaanttech.be

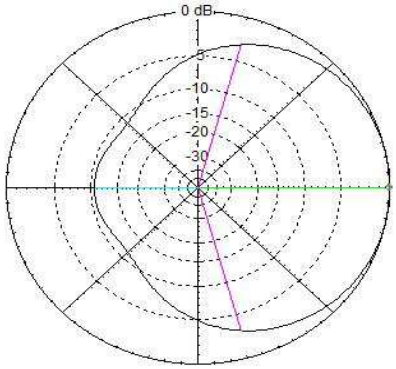
Model : LATBD2EY108
FM broadband directional 2 elements yagi

Vertically or horizontally polarized directional 2 elements antenna . Entirely build out of aluminium or stainless steel . Rugged and lightweight design that covers the entire FM band .
Comes with heavy duty hot dip galvanized steel mounting bracket .

Electrical specifications :



Vertical radiation pattern
vertical polarisation



Horizontal radiation pattern
vertical polarisation

Frequency range :	87,5 - 108 MHz
Gain :	3 dB (ref.dipole)
HPBW (-3dB) H :	148°
HPBW (-3dB) V :	71°
VSWR :	< 1,3:1 (18dB 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

Mechanical specifications :

Materials :	Aluminium or stainless steel
Dimensions :	1830mm x 1000mm
Mounting :	40 - 90 mm up to 120mm on request
Grounding :	DC grounded elements
Icing protection :	optional fiber radome
Weight (including mount) :	3,8 Kg alu version , 7,6 Kg stainless version
Stacking distance :	2700 mm depending on system

Models and accessories :

Models :

- Model LATBD2EY108L	low power version max. 800W single carrier , N type connector
- Model LATBD2EY108M	medium power version max. 2500W single carrier , 7/16 type connector
- Model LATBD2EY108H	high power version max. 5000W single carrier , EIA 7/8 flange connector
- Model LATBD2EY108LS	stainless steel version
- Model LATBD2EY108MS	stainless steel version
- Model LATBD2EY108HS	stainless steel version

Accessories :

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

Specifications are subject to change without notice .

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