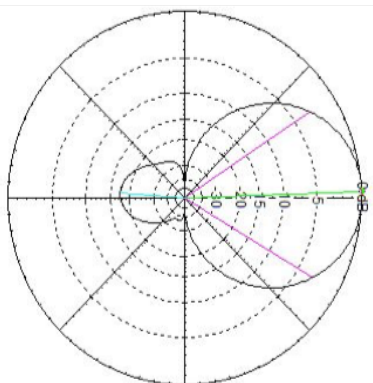


LATBD3EY108

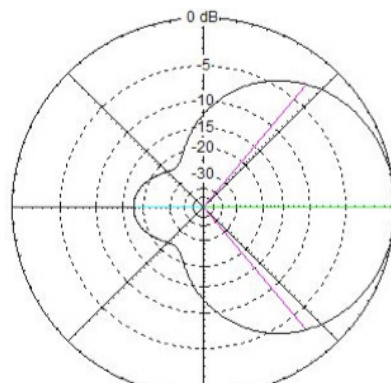
FM broadband directional 3 elements yagi

Vertically or horizontally polarized directional 3 elements antenna. Entirely build out of aluminium, stainless or hot dipped 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

Specifications subject to change without notice.

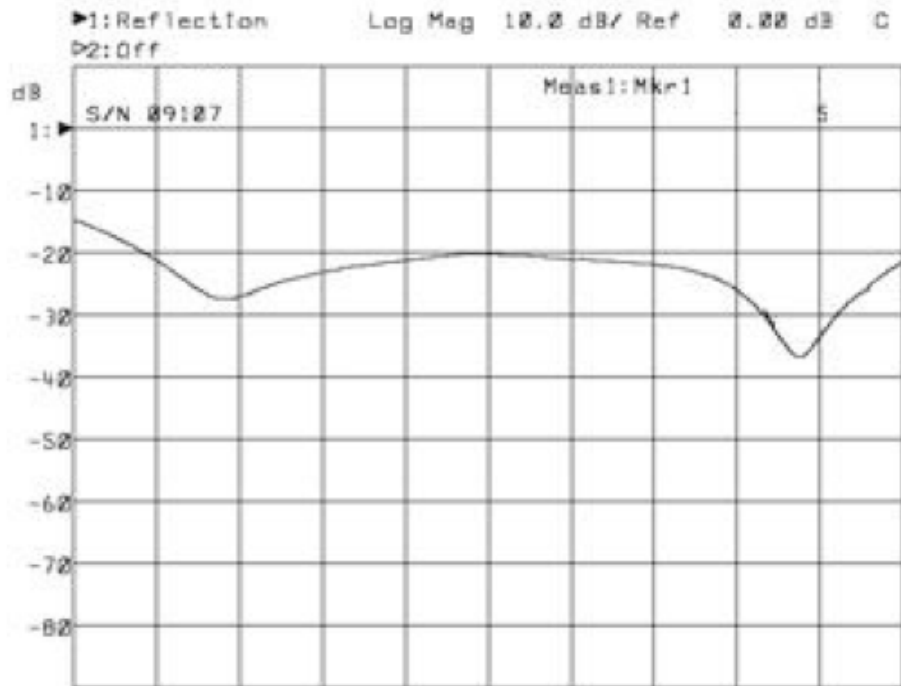


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Specifications

Frequency range	87,5 - 108 MHz
Gain	5,3 dB (ref. dipole)
HPBW (-3dB) H	118°
HPBW (-3dB) V	67°
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

Specifications subject to change without notice.



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Mechanical specifications

Materials	Aluminium or stainless steel
Dimensions	1700mm x 1500mm
Mounting	40 - 90 mm up to 120mm on request
Grounding	DC grounded elements
Icing protection	optional fiber radome
Weight (including mount)	4,9 Kg aluminium, 10,9 Kg stainless, 12,3 kg hot dipped
Stacking distance	2700 mm depending on system
Windload :	Horizontally polarized - Front : 223N - Lateral : 172N
	Vertically polarized - Front : 223N - Lateral : 364N

Models and accessories

Models:

- **Model LATBD3EY108L** low power version max. 800W single carrier , N type connector
- **Model LATBD3EY108M** medium power version max. 2500W single carrier , 7/16 type connector
- **Model LATBD3EY108H** high power version max. 5000W single carrier , EIA 7/8 flange connector

* Specify material when ordering

Accessories:

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

Specifications subject to change without notice.



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