

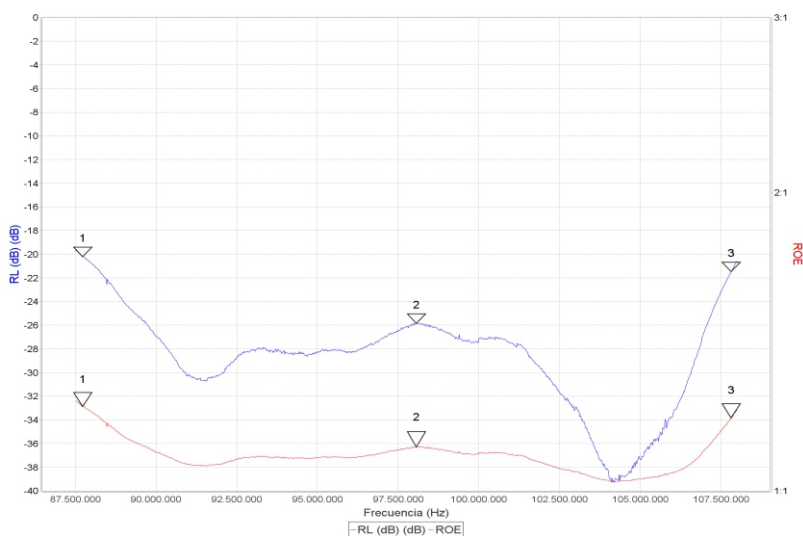
Sturdy construction	Construccion robusta
First class materials	Materiales de primera calidad
Stainless steel	Acero inoxidable
Omnidirectional pattern	Patron omnidireccional
Laser cut	Corte en laser
7/16 female optional 7/8	Conector 7/16 opcional 7/8
Trully Broadband	Banda ancha real
Deumontable	Desmontable
Adjustable circular polarization	Polarizacion circular ajustable
Element reflector available (Panel or reflectors)	Elemento reflector disponible (panel o reflectores)



Max power	Potencia maxima	4000 W EIA Flange 7/8 2000W 7/16 female / hembra
Frequency	Frecuencia	87.5 - 108 Mhz - Broadband
VSWR	VSWR	>1.2:1
Gain *	Ganancia *	0.5 dB
Polaritation	Polarizacion	Circular omnidirectional
Weight	Peso	13 Kgrms
Impedance	Impedancia	50 Ohms
Wind load	Carga al viento	35 Kgrms @ 160 Km/h
Max wind speed	Maxima Velocidad viento	180 Km / h
Ligthning Protection	Proteccion	Grounded
Vertical amplitude	Amplitud vertical	70° @ -3dB E plane
Mounting Brackets	Soportes a mastil	30 / 70 mm
Dimensions	Dimensiones	1200 X 1250 X 950 950 x 25 x 25 Cm deumonted / desmontada
Materials Stainless steel or aluminum, brass, teflon,	Materiales Acero inoxidable o aluminio laton yTeflon	40mm dipoles, 40 mm boom stainless steel acero inoxidable

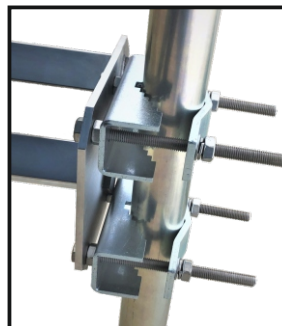
Technical data / Datos tecnicos

Dipolos Dipolos #	Gain Ganancia	Weight Peso Kgrms	X factor Multiplicacion Times / veces	Wind load Carga al viento Kgrms @ 160Km/h	Max. Power Potencia Max		Tower Space Espacio torre Meters / Metros
					7/8	7/16	
1	-1.5 dB	14 Kgrms		22	4 Kw	2 Kw	-----
2	0 dB	28 Kgrms	1	44	8 Kw	4 Kw	2,75
4	3,3 dB	56 Kgrms	2,1	88	16 Kw	8 Kw	8,25
6	4,6 dB	84 Kgrms	2,9	132	24 Kw	12 Kw	13,75
8	6,5 dB	112 Kgrms	4,5	176	32 Kw	16 Kw	19.25

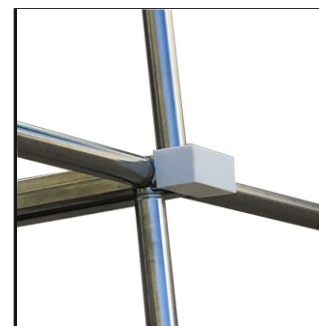


Dipolos Dipolos	Vertical amplitude
1	64°
2	31°
4	16°
6	11°
8	5°

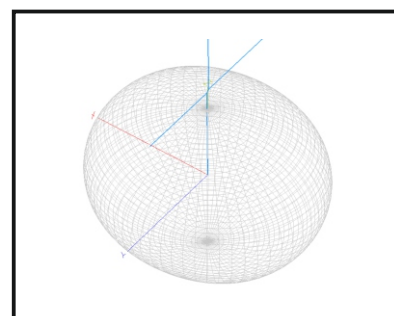
Marker	Frecuencia	RL (dB)	ROE
1	87.725.260	-20,22	1,22:1
2	98.064.694	-25,84	1,11:1
3	107.818.452	-21,48	1,18:1



Antenna bracket / soporte



Radome / Radome



Total gain 3D pattern
representation to medium band without any mast
or tower influence