

SACO-D

GAIN-POWER-TOWER SPACE

Bays	GAIN		POWER Rating KW	Ant. rad. aper.		Pipe length req.		Tot. spac. recom.	
	Power	dB		Ft	m	Ft	m	Ft	m
1	0.46	-3.37	2.5	2.25	0.75	10	3	10	3
2	1	0.00	5	5	1.5	15	4.6	35	10.7
4	2.1	3.22	10	18	5.5	28	8.5	48	14.6
6	3.2	5.05	15	25	7.6	35	10.7	55	16.8
8	4.3	6.34	20	43	13.1	53	16.2	73	22.2
12	6.6	8.2	25	59	19.6	73	24.3	100	33

WIND LOAD AND WEIGHT

Bays	WIND LOAD				WEIGHT	
	lb	Kg	Ft ²	m ²	lb	Kg
1	70	31.7	2.85	0.26	77	35
2	151	68.5	5.7	0.53	110	50
4	304	137.9	11.6	1.08	165	75
6	458	207.7	17.4	1.62	242	110
8	611	277.1	23.2	2.16	331	150
12	917	415.65	34.8	3.24	497	225



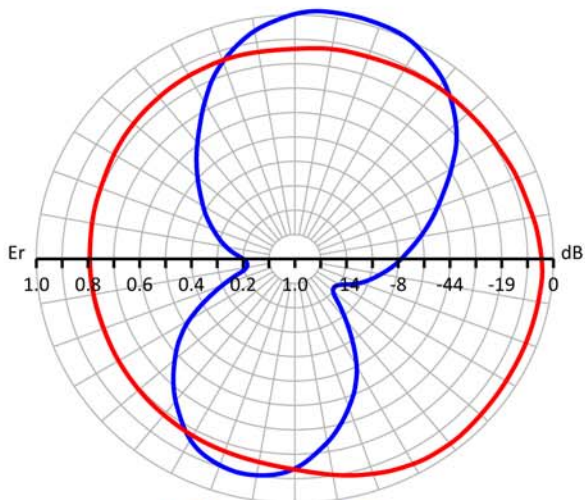
Electrical data

Frequency 87.5 - 108MHz
Polarization Vertical-Horizontal
VSWR <1.15:1 Broadband
Impedance 50Ω
Conector type DIN 3/16 or EIA flange 3/8"
Lightning Protection DC Grounded
Combinations Collinear systems

Mechanical data

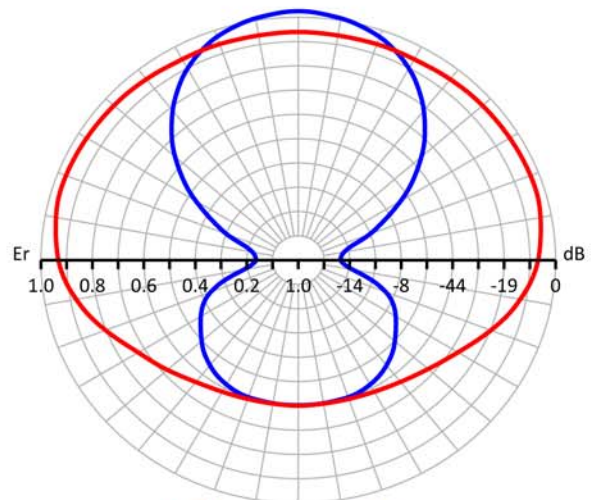
Length 1550mm.
Width 1130mm.
Height 1130mm.
Mounting Standard clamp 50-110mm.
Wind Load 38Kg @ 150Km/h

Horizontal component



H-Plane E-Plane

Vertical component



H-Plane E-Plane



Seratel Technology SAL • Calle Trópico, 6A • Bajo • Torrejón de Ardoz • Madrid • España

Tel. (34) 916 567 565 • seratel@seratel.com • www.seratel.com

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BUREAU VERITAS
Certification

