

# SACO-DD

## 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 <sup>2</sup>	m <sup>2</sup>	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



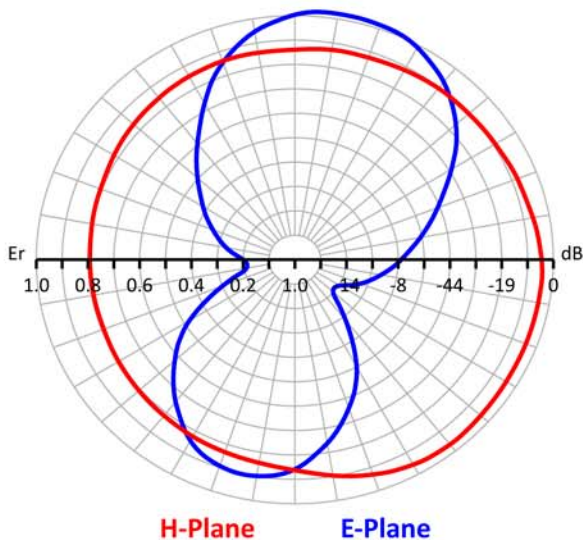
## Electrical data

**Frequency** 87.5 - 108MHz  
**Polarization** Vertical-Horizontal  
**VSWR** <1.15:1 Broadband  
**Impedance** 50Ω  
**Conector type** DIN 7/16 or EIA flange 7/8"  
**Lightning Protection** DC Grounded  
**Combinations** Collinear systems

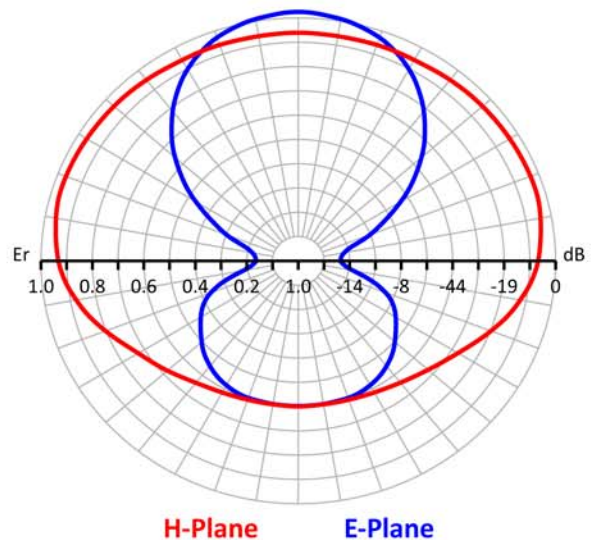
## Mechanical data

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

## Horizontal component



## Vertical component



ISO 9001  
 BUREAU VERITAS  
 Certification

