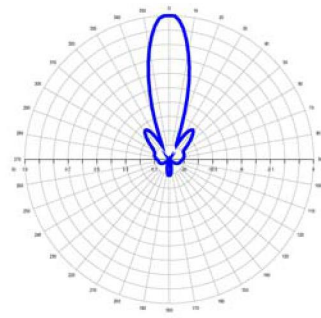


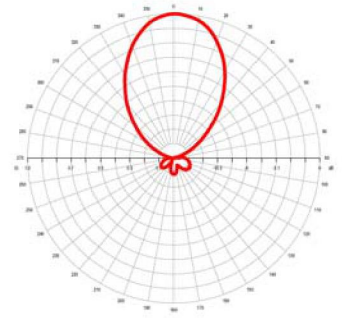
03A01U001 UHF - IV/V Band



- 4 dipoles panel.
- Directional radiation pattern.
- Suitable for stacked or 90° couplings arrays.
- Pressurizable.
- Broadband 470 ÷ 862 MHz.



E-Plane



H-Plane

BAY	PANEL PER BAY	SYSTEM GAIN (dBd) ¹	GAIN TIMES ¹	WEIGHT (Kg) ²	SYSTEM HEIGHT (mt)	WIND LOAD (Kg) ³
2	1	15.07	30.14	35	2.2	170.1
4	1	18.11	64.71	70	4.6	340.1
6	1	19.89	97.50	105	7.0	510.2
8	1	21.15	130.31	140	9.4	680.2
12	1	22.92	195.88	220	14.2	1020.4
1	2	9.13	8.18	35	1.0	130.4
2	2	12.18	16.52	70	2.2	260.8
4	2	15.23	33.34	140	4.6	521.5
6	2	17.01	50.23	220	7.0	782.0
8	2	18.27	67.14	330	9.4	1043.0
12	2	20.04	100.92	440	14.2	1564.6
1	3	7.59	5.74	50	1.0	175.7
2	3	10.65	11.61	100	2.2	351.5
4	3	13.70	23.44	200	4.6	702.9
6	3	15.48	35.31	310	7.0	1054.4
8	3	16.75	47.31	450	9.4	1405.8
12	3	18.52	71.12	620	14.2	2108.8
1	4	5.57	3.60	70	1.0	175.7
2	4	8.63	7.29	140	2.2	351.5
4	4	11.69	14.75	280	4.6	702.9
6	4	13.48	22.28	440	7.0	1054.4
8	4	14.74	29.78	660	9.4	1405.8
12	4	16.52	44.87	880	14.2	2108.8

ELECTRICAL DATA

WORKING BAND: 470÷862 MHz BANDWIDTH: UHF IV/V band
GAIN: 11 dBd (13.2 dBi)
VSWR: ≤ 1.1:1 (-26.4 dB)
POLARIZATION: horizontal IMPEDANCE: 50 Ohm balanced
HALPOWER BEAMWIDTH: E-Plane - 23°
H-Plane - 57°
LIGHTNING PROTECTION: all metal parts DC grounded including inner conductors