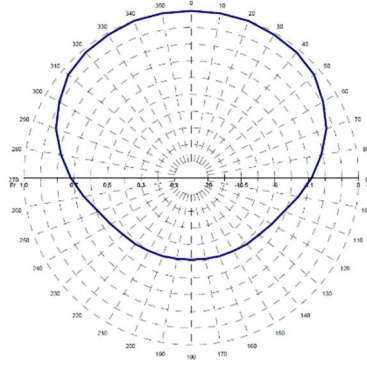
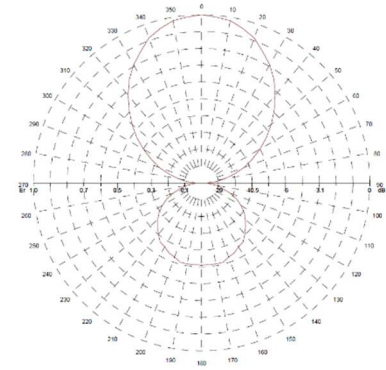


# DIP-V

## VERTICAL POLARIZED DIPOLE ANTENNA



H plane



V plane

### GENERAL SPECIFICATION

Frequency band	87.5 to 108MHz
Gain	2dBd @98MHz
Polarization	Vertical
Impedance	50ohm
Input connector	7-16 DIN female (option: N, EIA 7/8")
Max power	2kW (7-16 DIN)
VSWR	≤ 1.25:1 (Typ.)
Half power beamwidth	H plane: 182°; V plane: 76°
Material	Aluminum
Weight	2Kg
Dimensions	1395 x 880 x 50 mm

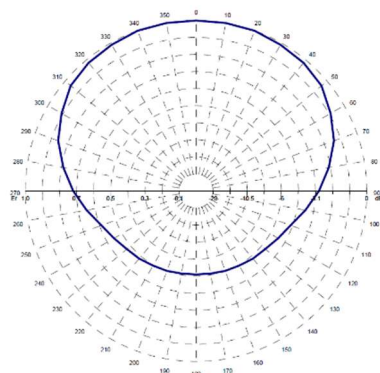
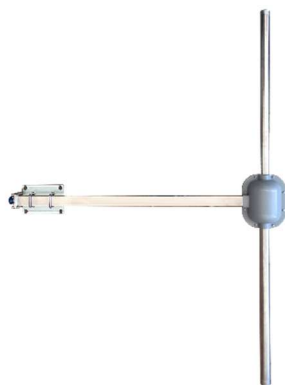
# OF BAYS	GAIN [dBd]	SYSTEM HEIGHT [m]	SYSTEM WEIGHT [kg] <sup>1</sup>
2	5.0	4.0	12
4	8.0	9.2	19
6	9.8	14.4	30
8	11.0	19.6	50

<sup>1</sup>without mounting hardware

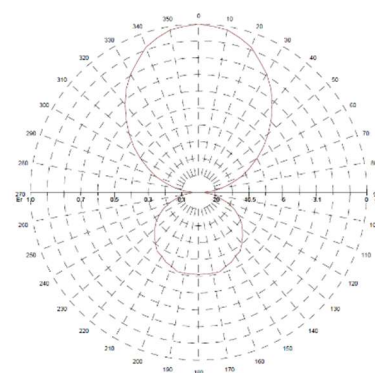
All specifications contained in this document may be changed without prior notice.

# DOX-V

## VERTICAL POLARIZED DIPOLE ANTENNA



H plane



V plane

### GENERAL SPECIFICATION

Frequency band	87.5 to 108MHz
Gain	2dBd @98MHz
Polarization	Vertical
Impedance	50ohm
Input connector	7-16 DIN female (option 7/8" EIA)
Max power	2kW (7-16 DIN) – 5kW (7/8" EIA)
VSWR	≤ 1.25:1 (Typ.)
Half power beamwidth	H plane: 186°; V plane: 76°
Material	Stainless Steel
Weight	10Kg
Dimensions	1440 x 1140 x 135 mm

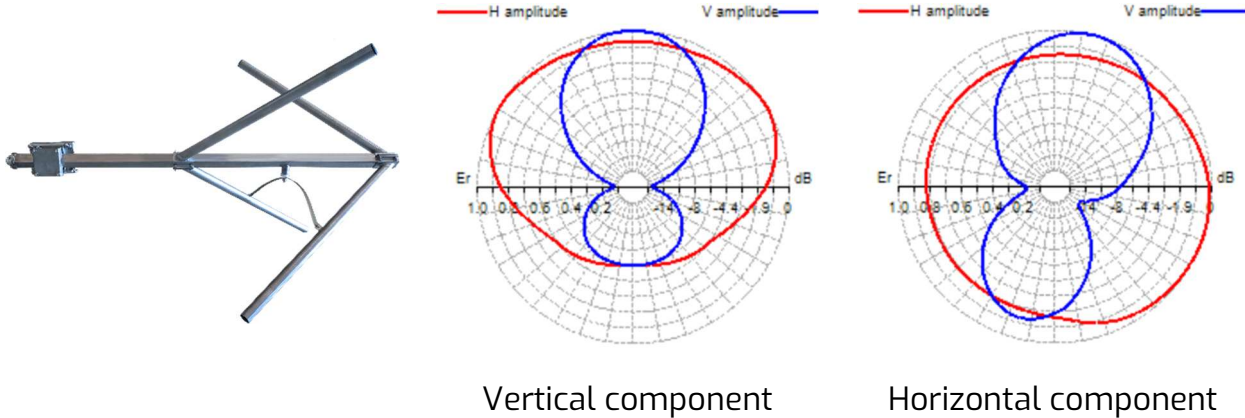
# OF BAYS	GAIN [dBd]	SYSTEM HEIGHT [m]	SYSTEM WEIGHT [kg] <sup>1</sup>
2	5.0	4.0	27
4	8.0	9.2	54
6	9.8	14.4	81
8	11.0	19.6	108

<sup>1</sup>without mounting hardware

All specifications contained in this document may be changed without prior notice.

# DOX-C

## CIRCULAR POLARIZED DIPOLE ANTENNA



### GENERAL SPECIFICATION

Frequency band	87.5 to 108MHz
Gain	-1.5dBd @98MHz
Polarization	Circular
Impedance	50ohm
Input connector	7-16 DIN female (option 7/8" EIA)
Max power	2kW (7-16 DIN) – 3kW (7/8" EIA)
VSWR	≤ 1.25:1 (Typ.)
Half power beamwidth	H plane: 220°; V plane: 90° (vertical component) H plane: 360°; V plane: 90° (horizontal component)
Material	Stainless steel
Weight	11Kg
Dimensions	1520 x 1240 x 1150 mm

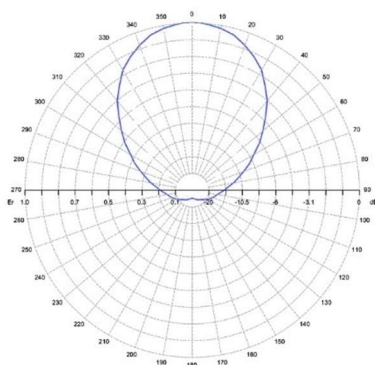
# OF BAYS	GAIN [dBd]	SYSTEM HEIGHT [m]	SYSTEM WEIGHT [kg] <sup>1</sup>
2	1.5	3.8	30
4	4.5	9.0	55
6	6.3	14.2	84
8	7.5	19.4	122

<sup>1</sup>without mounting hardware

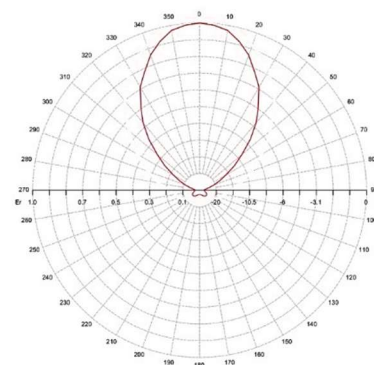
All specifications contained in this document may be changed without prior notice.

# LOG-5

## LOG 5 ELEMENTS ANTENNA



H plane



V plane

### GENERAL SPECIFICATION

Frequency band	87.5 to 108MHz
Gain	6dBd @98MHz
Polarization	Vertical
Impedance	50ohm
Input connector	7-16 DIN female (option: N)
Max power	2kW (7-16 DIN)
VSWR	≤ 1.25:1 (Typ.)
Half power beamwidth	H plane: 80°; V plane: 65°
Material	Aluminum
Weight	7.5Kg
Dimensions	1500 x 1720 x 50 mm

# OF BAYS	GAIN [dBd]	SYSTEM HEIGHT [m]	SYSTEM WEIGHT [kg] <sup>1</sup>
2	9.0	4.1	23
4	12.0	9.5	41
6	13.8	14.5	63
8	15.0	19.7	94

<sup>1</sup>without mounting hardware

All specifications contained in this document may be changed without prior notice.