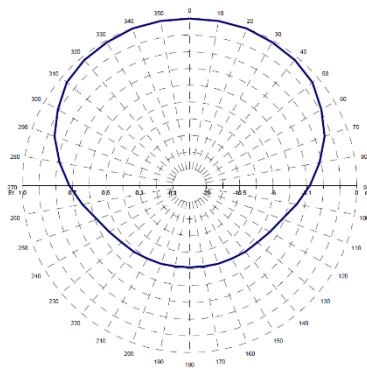
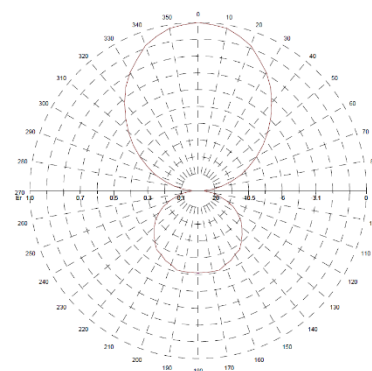


DIP-V

VERTICAL POLARIZED DIPOLE ANTENNA



H plane



V plane

GENERAL SPECIFICATION

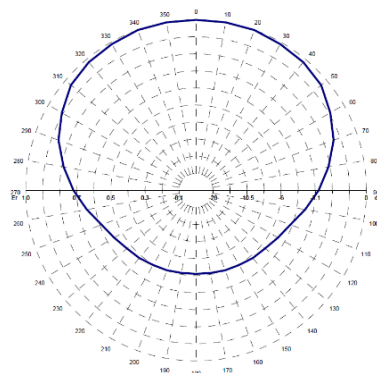
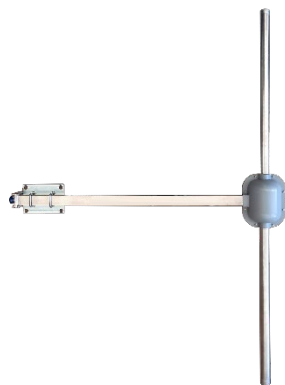
Frequency band	87.5 to 108MHz
Gain	2dBd @98MHz
Polarization	Vertical
Impedance	50ohm
Input connector	7-16 DIN female (option: N, EIA 7/8")
Max power	2kW (7-16 DIN)
VSWR	≤ 1.25:1
Half power beamwidth	H plane: 182°; V plane: 76°
Material	Aluminum
Weight	2Kg
Dimensions	1395 x 880 x 50 mm

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

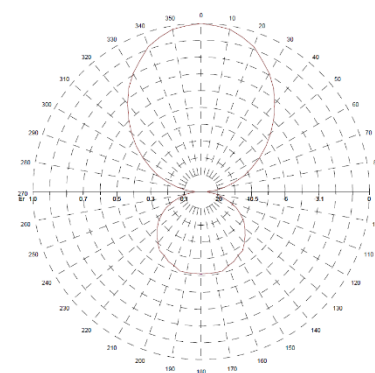
¹without mounting hardware

DOX-V

VERTICAL POLARIZED DIPOLE ANTENNA



H plane



V plane

GENERAL SPECIFICATION

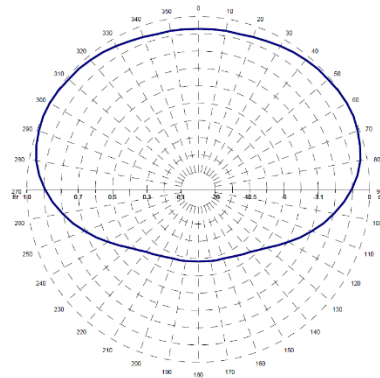
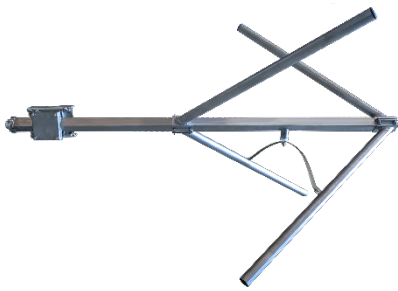
Frequency band	87.5 to 108MHz
Gain	2dBd @98MHz
Polarization	Vertical
Impedance	50ohm
Input connector	7-16 DIN female (option 7/8" EIA)
Max power	2kW (7-16 DIN) – 5kW (7/8" EIA)
VSWR	≤ 1.25:1 (Typ.)
Half power beamwidth	H plane: 186°; V plane: 76°
Material	Stainless Steel
Weight	10Kg
Dimensions	1440 x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

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

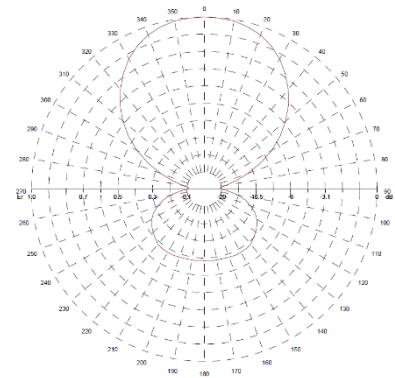
¹without mounting hardware

DOX-C

CIRCULAR POLARIZED DIPOLE ANTENNA



H plane



V plane

GENERAL SPECIFICATION

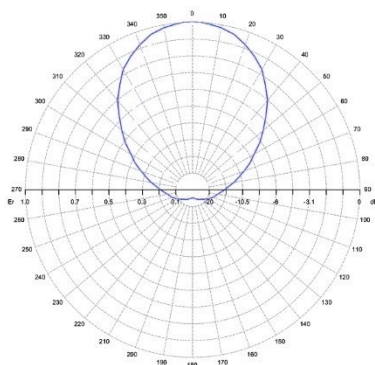
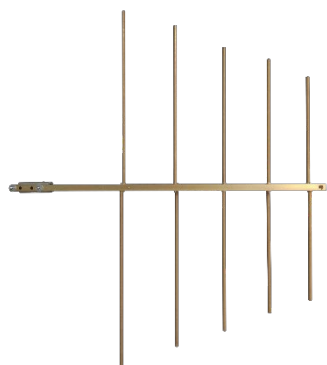
Frequency band	87.5 to 108MHz
Gain	-1.5dBd @98MHz
Polarization	Circular
Impedance	50ohm
Input connector	7-16 DIN female (option 7/8" EIA)
Max power	2kW (7-16 DIN) – 3kW (7/8" EIA)
VSWR	≤ 1.25:1
Half power beamwidth	H plane: 220°; V plane: 90°
Material	Stainless steel
Weight	11Kg
Dimensions	1520 x 1240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

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

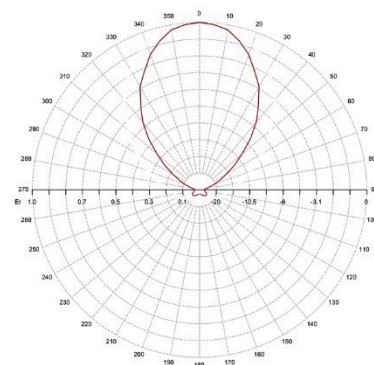
¹without mounting hardware

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
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] ¹
2	9.0	4.1	23
4	12.0	9.5	41
6	13.8	14.5	63
8	15.0	19.7	94

¹without mounting hardware