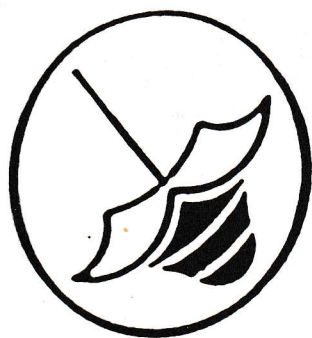




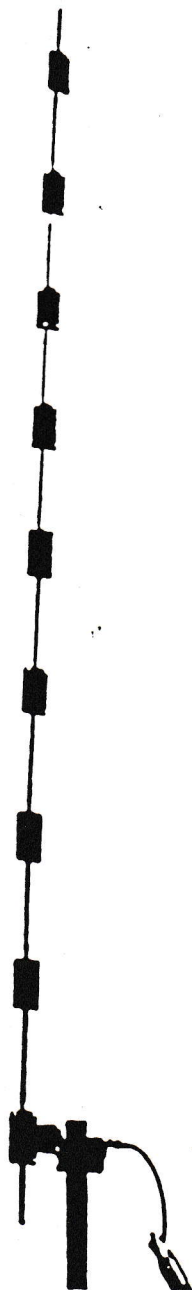
MIRTA

Antennas & Electronic

'88

PROFESSIONAL

A N T E N N A S



Bulgaria

Sofia. 129. Georgy Avramov str.

tel. 581-111

telex 23914



MIRTA
Antennas & Electronic

PROFESSIONAL ANTENNAS
(vertical polarization)

1. Bandwidth

8,5% F_{av}

2. Impedance

75/50 ohms

MIRTA Antenna type	Gain dB	Horiz. beamw. °	Vert. beamw. °	Geom. array λ^2	Eff. array λ^2
1-0	5,7	360	24	-	0,43
2-0	8,5	360	14,4	-	0,69
4-0	10,5	360	8	-	1,19
1-1	8,7	155	24	-	0,43
2-1	11,5	155	14,4	-	0,69
4-1	13,5	155	8	-	1,19
1-3	11,7	85	24	0,77	0,77
2-3	14,5	85	14,4	1,21	1,21
4-3	16,5	85	8	2,09	2,09
1-7	14,7	40	24	1,40	1,40
2-7	17,5	40	14,4	2,20	2,20
4-7	19,5	40	8	3,80	3,80
1-S	17,0	23	24	3,50	3,50
2-S	19,5	23	14,4	5,50	5,50
4-S	22,5	23	8	9,50	9,50



MIRTA
Antennas & Electronic

VHF-BASE STATION
A N T E N N A S

146
174 MHz

Directional



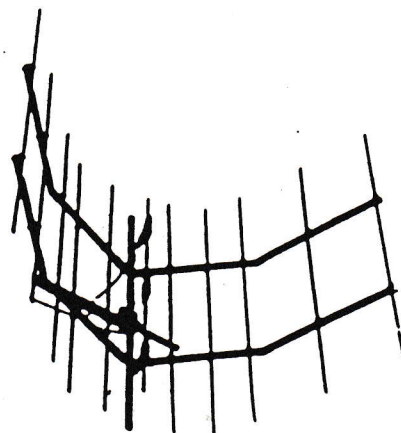
Model		MIRTA 1-1
Power	(W)	250
Gain	(dB)	8,7
Freq. Rang	(MHz)	160 - 173
Vert. beamwidth		24°
Horiz. beamwidth		155°
Dimension	(m)	3,2
Weight	(kg)	1,3



MIRTA
Antennas & Electronic

VHF-BASE STATION 146
A N T E N N A S 174 MHz

Directional



Model		MIRTA 1-S
Power	(W)	250
Gain	(dB)	17,0
Freq. Rang	(MHz)	160 - 173
Vert. beamwidth		24°
Horiz. beamwidth		23°
Dimension	(m)	3,20 x 3,64
Weight	(kg)	7,6



MIRTA
Antennas & Electronic

VHF-BASE STATION
A N T E N N A S

146
174 MHz

Omnidirectional



Model		MIRTA 2-0
Power	(W)	250
Gain	(dB)	8,5
Freq. Rang	(MHz)	160 - 173
Vert. beamwidth		14,4°
Horiz. beamwidth		360°
Dimension	(m)	5,0
Weight	(kg)	4,5



MIRTA
Antennas & Electronic

UHF-BASE STATION

406

A N T E N N A S

470

MHz

Omnidirectional



Model		MIRTA 1-0
Power	(W)	250
Gain	(dB)	5,7
Freq. Rang	(MHz)	435 - 470
Vert. beamwidth		24°
Horiz. beamwidth		360°
Dimension	(m)	1,15
Weight	(kg)	



MIRTA
Antennas & Electronic

UHF-BASE STATION
A N T E N N A S

406

470

MH

Directional

Model		MIRTA 1-1
Power	(W)	250
Gain	(dB)	8,7
Freq. Rang	(MHz)	435 - 470
Vert. beamwidth		24°
Horiz. beamwidth		155°
Dimension	(m)	1,15
Weight	(kg)	0,4



MIRTA
Antennas & Electronic

UHF-BASE STATION
A N T E N N A S

406
470 MHz

Omnidirectional



Model		MIRTA 2-0
Power	(W)	250
Gain	(dB)	8,5
Freq. Rang	(MHz)	435 - 470
Vert. beamwidth		14,4°
Horiz. beamwidth		360°
Dimension	(m)	1,82
Weight	(kg)	



MIRTA
Antennas & Electronic

UHF-BASE STATION
A N T E N N A S

406
470 MHz

Directional



Model		MIRTA 2-1
Power	(W)	250
Gain	(dB)	11,5
Freq. Rang	(MHz)	435 - 470
Vert. beamwidth		14,4°
Horiz. beamwidth		155°
Dimension	(m)	1,82
Weight	(kg)	0,7



MIRTA
Antennas & Electronic

UHF-BASE STATION

406

A N T E N N A S

470

MHz

Omnidirectional



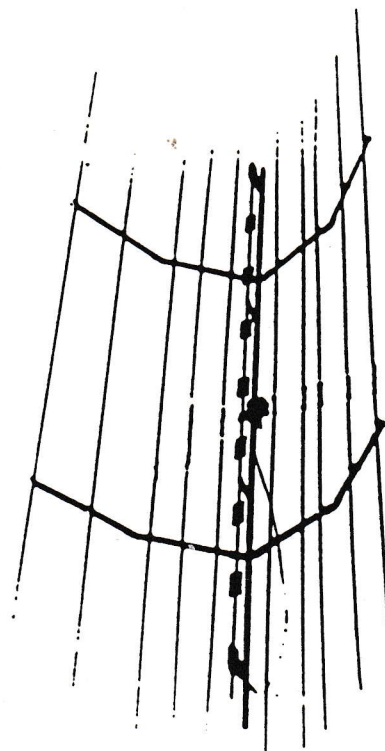
Model		MIRTA 4-0
Power	(W)	250
Gain	(dB)	10,5
Freq. Rang	(MHz)	435 - 470
Vert. beamwidth		8°
Horiz. beamwidth		360°
Dimension	(m)	3,15
Weight	(kg)	3,0

**MIRTA**

Antennas & Electronic

UHF-BASE STATION 406
A N T E N N A S 470 MHz

Directional



Model		MIRTA 4-S
Power	(W)	250
Gain	(dB)	22,5
Freq. Rang	(MHz)	435 - 470
Vert. beamwidth		8°
Horiz. beamwidth		23°
Dimension	(m)	3,15 x 1,32
Weight	(kg)	7,3



MIRTA
Antennas & Electronic

UHF-BASE STATION 935
A N T E N N A S 1007 MHz

Directional

Model		MIRTA 1-1
Power	(W)	250
Gain	(dB)	8,7
Freq. Rang	(MHz)	935 - 1007
Vert. beamwidth		24°
Horiz. beamwidth		155°
Dimension	(m)	0,56
Weight	(kg)	0,3



MIRTA
Antennas & Electronic

UHF-BASE STATION 935
A N T E N N A S 1007 MHz

Omnidirectional



Model		MIRTA 2-0
Power	(W)	250
Gain	(dB)	8,5
Freq. Rang	(MHz)	935 - 1007
Vert. beamwidth		14,4°
Horiz. beamwidth		360°
Dimension	(m)	0,88
Weight	(kg)	



MIRTA
Antennas & Electronic

UHF-BASE STATION 935
A N T E N N A S 1007 MHz

Omnidirectional



Model		MIRTA 4-0
Power	(W)	250
Gain	(dB)	10,5
Freq. Rang	(MHz)	935 - 1007
Vert. beamwidth		8°
Horiz. beamwidth		360°
Dimension	(m)	1,52
Weight	(kg)	



MIRTA
Antennas & Electronic

UHF-BASE STATION 935
A N T E N N A S 1007 MHz

Directional

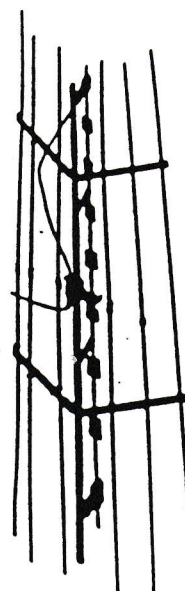
Model		MIRTA 4-1
Power	(W)	250
Gain	(dB)	13,5
Freq. Rang	(MHz)	935 - 1007
Vert. beamwidth		8°
Horiz. beamwidth		155°
Dimension	(m)	1,52
Weight	(kg)	0,65



MIRTA
Antennas & Electronic

UHF-BASE STATION 935
A N T E N N A S 1007 MHz

Directional



Model		MIRTA 4-7
Power	(W)	250
Gain	(dB)	19,5
Freq. Rang	(MHz)	935 - 1007
Vert. beamwidth		8°
Horiz. beamwidth		40°
Dimension	(m)	1,52 x 0,26
Weight	(kg)	