

Broadcast International CORP.

ANTENA PANEL VHF BANDA I MODELO: BIC VBI

CH 2

Frequency Range	54 - 60 Mhz
Dimensions(HxWxD)	3600x1300x1330 mm
Weight (with pole clamp)	64 Kg
Spacing to bays	2.80 m

CH3

Frequency Range	60 - 66 Mhz
Dimensions (HxWxD)	3300x1200x1300 mm
Weight (with pole clamp)	62 Kg
Spacing to bays	2.50 m

CH4

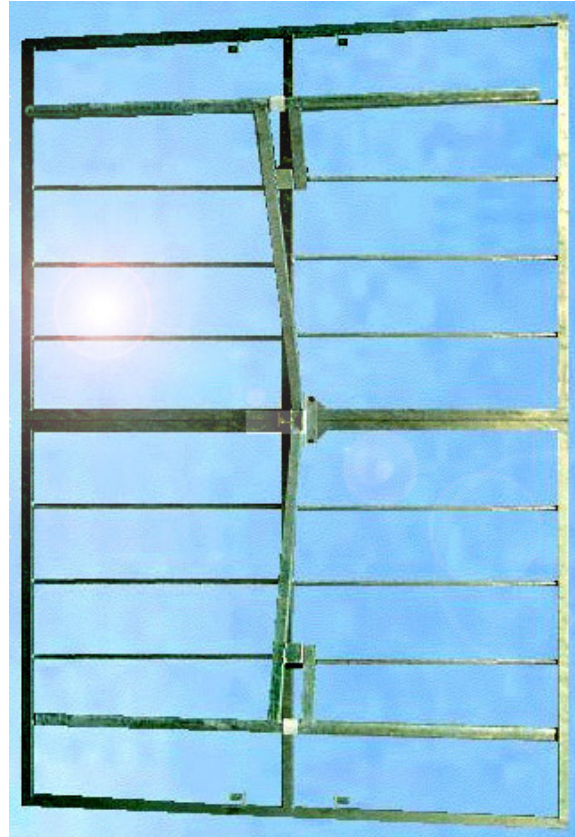
Frequency Range	66 - 72 Mhz
Dimensions (HxWxD)	3000x1100x1230 mm
Weight (with pole clamp)	61 Kg
Spacing to bays	2.34 m

CH5

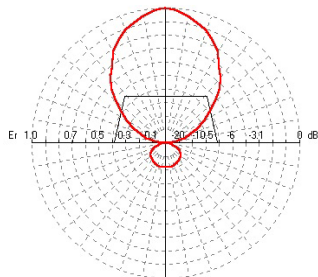
Frequency Range	76 - 82 Mhz
Dimensions (HxWxD)	2800x1000x1200 mm
Weight (with pole clamp)	60 Kg
Spacing to bays	2.04 m

CH6

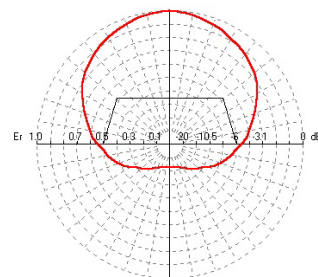
Frequency Range	82 - 88 Mhz
Dimensions (HxWxD)	2700x1000x1200 mm
Weight (with pole clamp)	58 Kg
Spacing to bays	1.90 m



Horizontal Patter



Vertical Pattern



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Technical Features

RF Comun Data

Polarization:	H / V
Max. power handling capability:	
Connetor 7/16"	1.4 kWps
Connector 7/8"	3.5 kWps
Gain (at mid band, ref. to 1/2 dipole)	5.5 dBd
VSWR	<1.1:1
Impedance	50
Front to back ratio	>20 dB
Wind load (ref. 150 Km/h):	
-Frontal	210 Kg
-Lateral	74 Kg
Grounding	Via clamps
Horizontal Beamwidth (at -3 dB, at mid band)	61°
Vertical Beamwidth (at -3 dB, at mid band)	118°

Mechanicals

Materials:	
Silver plated copper, PTFE.	
Radiators	Hot-dip galvanized steel
Reflector	Hot-dip galvanized steel
Clamps	Hot-dip galvanized steel
Pole diameter	55 - 110 mm (others on request)

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