

Type 100.526

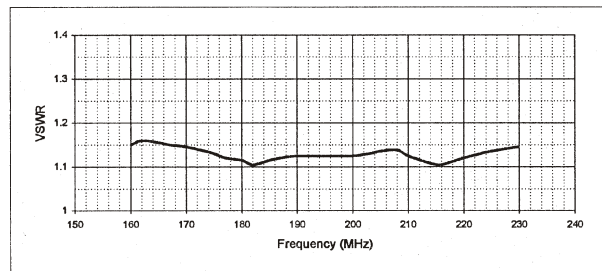
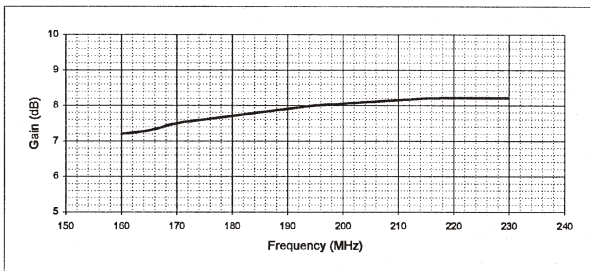
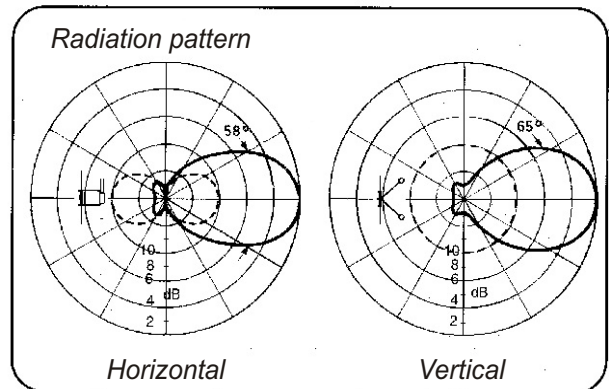
- **General:** This panel antenna has two aluminium ice-protected dipoles and an aluminium grid reflector. It is recommended to be used for medium and high power systems.
- **Radiation pattern:** The panel is wideband. It can be used for either vertical or horizontal polarization. Through a suitable arrangement of the panels, it is possible to obtain any radiation pattern in the horizontal plane.

ELECTRICAL SPECIFICATIONS

Frequency Range	174 – 230 MHz
Impedance	50
Connector	7/16 DIN
Max. Power	2 kW
VSWR	< 1.2
Polarization	Vertical / Horizontal
Gain	8dB (to /2 dipole)
Front to Back ratio	25 dB

MECHANICAL SPECIFICATIONS

Dimensions	1320x1320x585 mm
Weight	20 kg
Material:	
Reflector	Aluminium
Radiating element	Aluminium
Internal parts	Silver plated brass
Radome	Polyester



Radiating system characteristics

No of Bays	Antennas Per Bay	Gain (dB)	Weight (kg)	System height (m) H
1	1	8.0	20	1.32
	2	5.0	40	
	3	3.5	60	
	4	2.0	80	
2	1	11.0	40	2.92
	2	8.0	80	
	3	6.5	120	
	4	5.0	160	
3	1	12.5	60	4.52
	2	9.5	120	
	3	8.0	180	
	4	6.5	240	
4	1	14.0	80	6.12
	2	12.0	160	
	3	9.5	240	
	4	8.0	320	

Horizontal Radiation Patterns

Vertical Radiation Patterns

