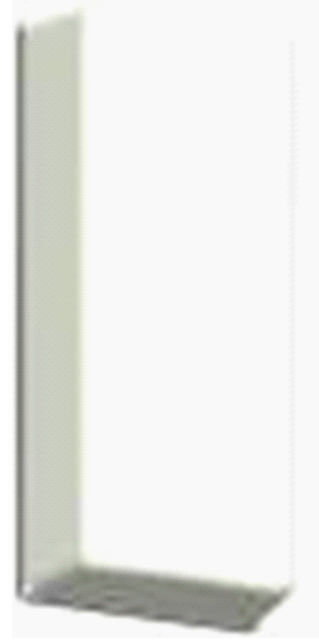




BAN4000 90° - pol.H Four Dipoles Panel 470÷860 MHz

Type	BAN4000
Frequency	470÷860 MHz
Impedance	50 Ohm
V.S.W.R.	≤ 1.1
Gain	11.45 dBd
HPBW	
E-plane	± 30°
H-plane	± 11.5°
Front to back	> 20 dB
Polarization	Horizontal
Input connector	7/16 female
option 1	7/8" EIA flange
Max power	1 kW with 7/16 2.5 kW with 7/8" EIA
Survival wind velocity	210 km/h
Wind load at 160 km/h	890 N
Dimensions	100x45x22 cm
Net weight	16 kg
Gross weight	18 kg



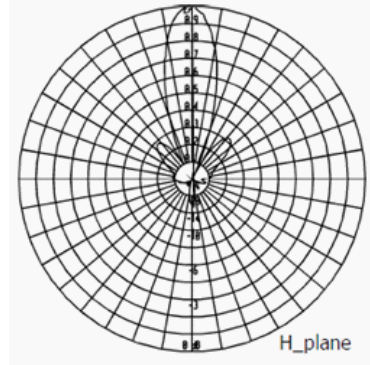
RADIATION PATTERN

Panels reflector are made of stainless steel as well as nuts and screws.

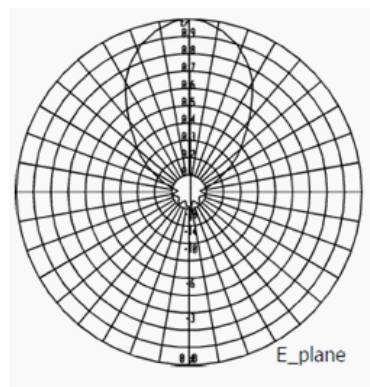
Input connector is nickel plated while the internal lines are made of silver plated brass.

Alluminium dipoles and passivated brass feeding lines are completely protected by a backed fibreglass radome; standard color white (different colors available on request).

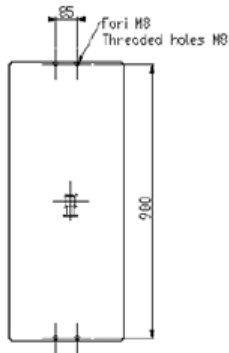
All metallic parts are connected to the ground.



H_plane



E_plane



MOUNTING SYSTEM

On frame according to the mounting lay-out beside.

Pole mount available on request.

This panel can be used in horizontal polarization to set up systems having directive, semidirective and omnidirectional diagrams.

Systems made up with BAN4000 panels can be designed on customer specifications..