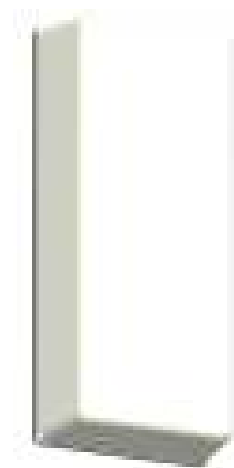


# BAN4000

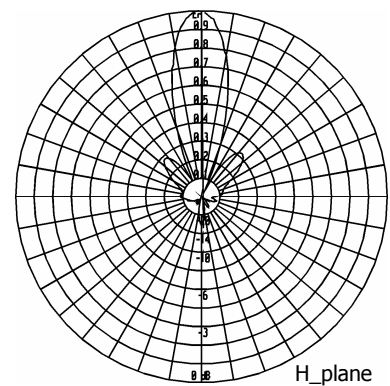
90° - pol.H  
Four Dipoles Panel

470÷860 MHz

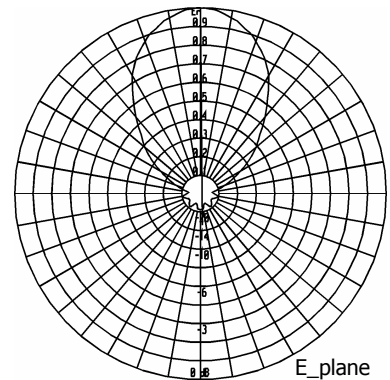
Type	BAN4000
Frequency	470÷860 MHz
Impedance	50 Ω
V.S.W.R.	≤ 1.1
Gain	11.45 dBd
HPBW	
E-plane	± 30°
H-plane	± 11.5°
Front to back	> 20 dB
Polarization	Horizontal
Input connector	7/16 female
option 1	7/8" EIA flange
Max power	1 kW with 7/16 2.5 kW with 7/8" EIA
Survival wind velocity	210 km/h
Wind load at 160 km/h	890 N
Dimensions	100x45x22 cm
Packing type	cardboard box
dimensions	53x108x37 cm
Net weight	16 kg
Gross weight	18 kg



### RADIATION PATTERN



H\_plane



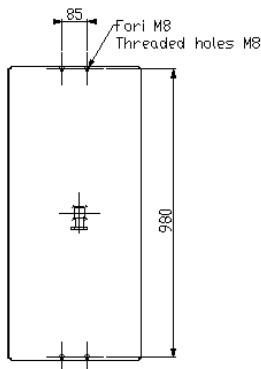
E\_plane

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.



### 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.