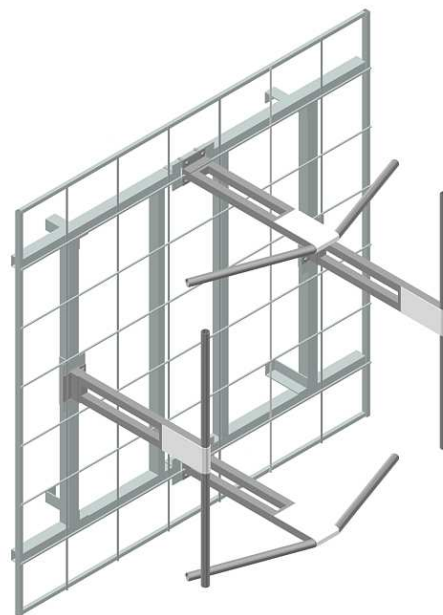


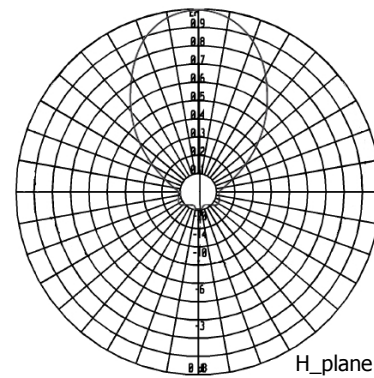
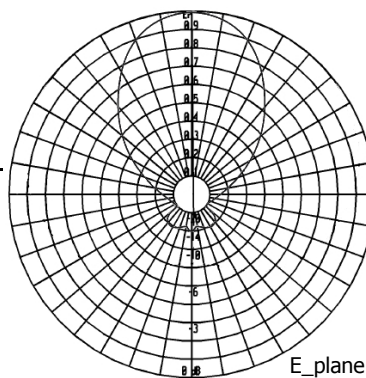
BAN2100.01

87.5÷108 MHz

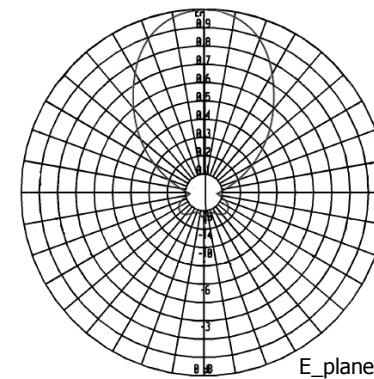
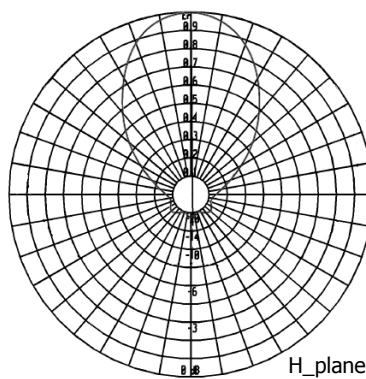
Type	BAN2100.01
Frequency	87.5÷108 MHz
Impedance	50 Ω
V.S.W.R.	
Linear polarization	≤ 1.25
Circular polarization	≤ 1.1
Gain	
Linear polarization	7.5 dBd
Circular polarization	4.5 dBd
HPBW	
Horizontal Pol. E-plane	± 66°
Horizontal Pol. H-plane	± 62°
Vertical Pol. E-plane	± 64°
Vertical Pol. H-plane	± 62°
Polarization	Linear - Circular
Input connector	4 x 7/8" EIA flange
Option 1	4 x 7/16 female DIN
Power handling	5 kW for each 7/8" EIA flange
Survival wind velocity	225 km/h
Wind load at 160 km/h	
Frontal	1600 N
Lateral	1150 N
Dimensions	220 x 220 cm
Net weight	100 kg



Horizontal Polarization



Vertical Polarization



The reflector is made of hot deep galvanised steel, while radiating elements, as well as nuts and screws, are made of stainless steel.

All metallic parts are connected to the ground.

Systems made up with BAN2100 panels can be designed on customer specifications.