

# BAN2000.01

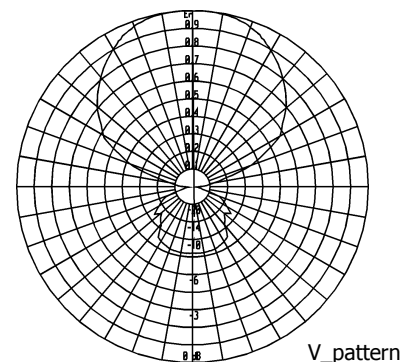
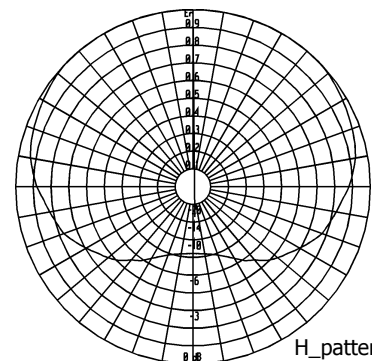
## FM Heavy Duty Dipole

87.5÷108 MHz



Type	BAN2000.01
<b>ELECTRICAL</b>	
Frequency	87.5÷108 MHz
Impedance	50 Ω unbalanced
V.S.W.R. (R.L)	< 1.25 (-19.0 dB)
Gain	2.0 dBd
HPBW H-pattern	± 105°
HPBW V-pattern	± 36°
Polarization	Vertical
Max power	See Below Table
Input connector	7/16 (f) din , 7/8" EIA
Lightning Protection	DC grounded
<b>MECHANICAL</b>	
Connector material	Nickel plated Brass
External parts material	Passivated Stainless Steel
Internal lines material	Silver plated Aluminum
Insulators material	Virgin PTFE
Brackets and Hardware material	Stainless Steel
Pressurization	Up to the input Connector
Environment Protection	U.V. resistant ABS Radome
Survival wind velocity	240 km/h
Wind load at 160 km/h Frontal	115 N
Wind load at 160 km/h Lateral	220 N
Dimensions	138 x 90 x 12 cm
Weight (incl. Brackets)	12.0 kg
Mounting System	See Below

### RADIATION PATTERN



Pole Mount Ø 40÷114 mm

### Ordering Information

p/n	Input Connector	Max Power
BAN2000.01.01	7/16 (f)	3.5 kW
BAN2000.01.02	7/8" EIA	5.0 kW