

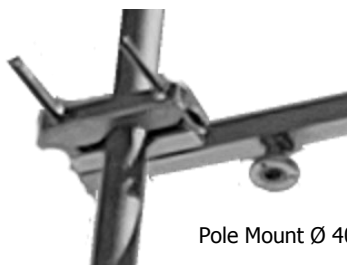
# BAN2000.02

FM light weight Dipole

87.5÷108 MHz

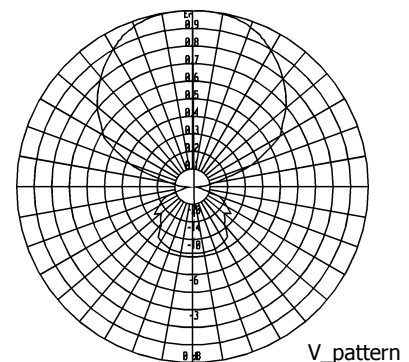
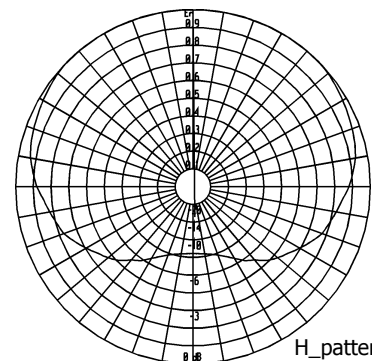


Type	BAN2000.02
<b>ELECTRICAL</b>	
Frequency	87.5÷108 MHz
Impedance	50 Ω unbalanced
V.S.W.R. (R.L)	< 1.35 (-16.5 dB)
Gain	2.0 dBd
HPBW H-pattern	± 105°
HPBW V-pattern	± 36°
Polarization	Vertical
Max power	See Below Table
Input connector	n(f) , 7/16 (f) din , 7/8" EIA
Lightning Protection	DC grounded
<b>MECHANICAL</b>	
Connector material	Nickel plated Brass
External parts material	Passivated Aluminum
Internal lines material	Passivated Aluminum
Insulators material	Virgin PTFE
Brackets and Hardware material	Stainless Steel
Pressurization	yes
Survival wind velocity	240 km/h
Wind load at 160 km/h Frontal	95 N
Wind load at 160 km/h Lateral	150 N
Dimensions	140 x 90 x 5 cm
Weight (incl. Brackets)	4.0 kg
Mounting System	See Below



Pole Mount Ø 40÷114 mm

### RADIATION PATTERN



### Ordering Information

p/n	Input Connector	Max Power
BAN2000.02.00	n(f)	0.8 kW
BAN2000.02.01	7/16 (f)	2.0 kW
BAN2000.02.02	7/8" EIA	3.0 kW