

BAN3500

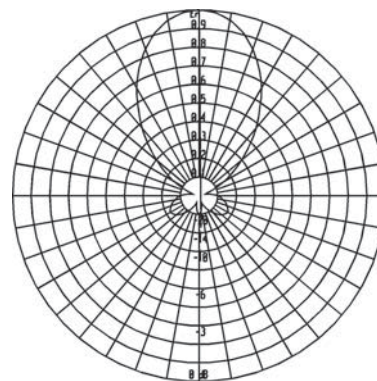
VHF + DAB light weight Dipole

174 ÷ 230 MHz

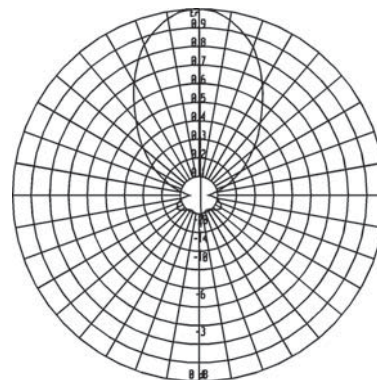
Type	BAN3500
ELECTRICAL	
Frequency	174 ÷ 230 MHz
Impedance	50 Ω unbalanced
V.S.W.R. (R.L)	< 1.12 (-24.9 dB)
Gain	7.5 dBd
HPBW H-pattern	± 29°
HPBW V-pattern	± 29°
Polarization	Vertical
Max power	See Below Table
Input connector	7/16 (f) din , 7/8"EIA
Lightning Protection	DC grounded
MECHANICAL	
Connector material	Nickel plated Brass
External parts material	Painted Alluminum
Internal lines material	Passivated Aluminum
Insulators material	Virgin PTFE
Brackets and Hardware material	Stainless Steel
Pressurization	no
Environment Protection	U.V. resistant A.B.S. Radome
Survival wind velocity	240 km/h
Wind load at 160 km/h Frontal	310 N
Wind load at 160 km/h Lateral	120 N
Dimensions	130 x 100 x 40 cm
Weight	14.0 kg
Mounting System	See Below



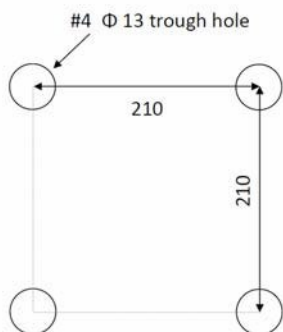
RADIATION PATTERN



H_pattern



V_pattern



Tower Mount drilling
Pole mount available upon request

Ordering Information

p/n	Input Connector	Max Power
BAN3500.01.01	7/16 (f)	2.0 kW
BAN3500.01.02	7/8" EIA	3.5 kW