

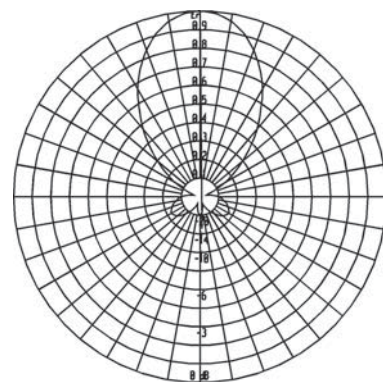
BAN4009

UHF Multi Pol. Four Dipoles Panel

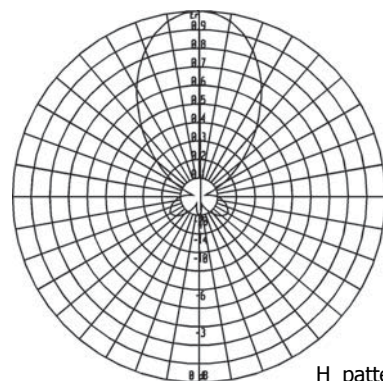
470 ÷ 740 MHz



RADIATION PATTERN



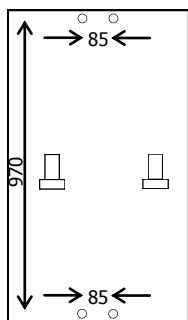
H_pattern
Hor. Component



H_pattern
Ver. Component

Type	BAN4009
ELECTRICAL	
Frequency	470 ÷ 740 MHz
Impedance	50 Ω unbalanced
V.S.W.R. (R.L)	< 1.12 (-25.0 dB)
Gain	11.0 dBd
HPBW H-pattern Hor. Component	± 30°
HPBW H-pattern Ver. Component	± 28°
Polarization	Hor. Ver. Circ. Ellipt.
Max power	See Below Table
Input connector	7/16 (f) din , 7/8"EIA
Lightning Protection	DC grounded
MECHANICAL	
Connector material	Nickel plated Brass
Back Plane material	Passivated Stainless Steel
Internal lines and Radiating Elements material	Passivated Aluminum
Insulators material	Virgin PTFE
Brackets and Hardware material*	Hot dip galvanised Steel
Pressurization	Yes
Environment Protection	U.V. resistant Fiberglass Radome
Survival wind velocity	240 km/h
Wind load at 160 km/h Frontal	890 N
Wind load at 160 km/h Lateral	400 N
Dimensions	100 x 45 x 25 cm
Weight	15.0 kg
Mounting System	See Below

* Order separately



Tower Mount trough #4 M8 Treads
Pole mount available upon request

Ordering Information

p/n	Input Connector	Max Power
BAN4009.01	7/16 (f)	1.0 kW
BAN4009.02	7/8" EIA	1.5 kW