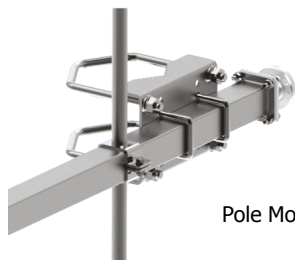


# BAN093A

FM Three Element Yagi

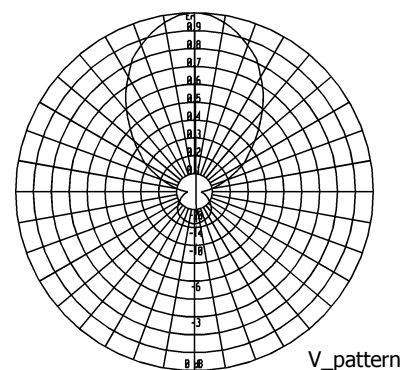
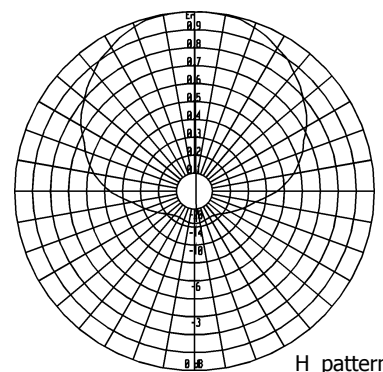
87.5÷108 MHz

Type	BAN093A
<b>ELECTRICAL</b>	
Frequency	87.5÷108 MHz
Impedance	50 Ω unbalanced
V.S.W.R. (R.L)	< 1.30 (-17.7 dB)
Gain	4.5 dBd
HPBW H-pattern	± 66°
HPBW V-pattern	± 31°
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 Stainless Steel
Internal lines material	Silver plated Aluminum
Insulators material	Virgin PTFE
Brackets and Hardware material	Stainless Steel
Pressurization	yes
Environment Protection	U.V. resistant Fiberglass Radome
Survival wind velocity	240 km/h
Wind load at 160 km/h Frontal	150 N
Wind load at 160 km/h Lateral	300 N
Dimensions	160 x 170 x 15 cm
Weight (incl. Brackets)	14.0 kg
Mounting System	See Below



Pole Mount Ø 40÷114 mm

**RADIATION PATTERN**



**Ordering Information**

p/n	Input Connector	Max Power
BAN093A.00	n(f)	0.8 kW
BAN093A.01	7/16 (f)	3.5 kW
BAN093A.02	7/8" EIA	5.0 kW