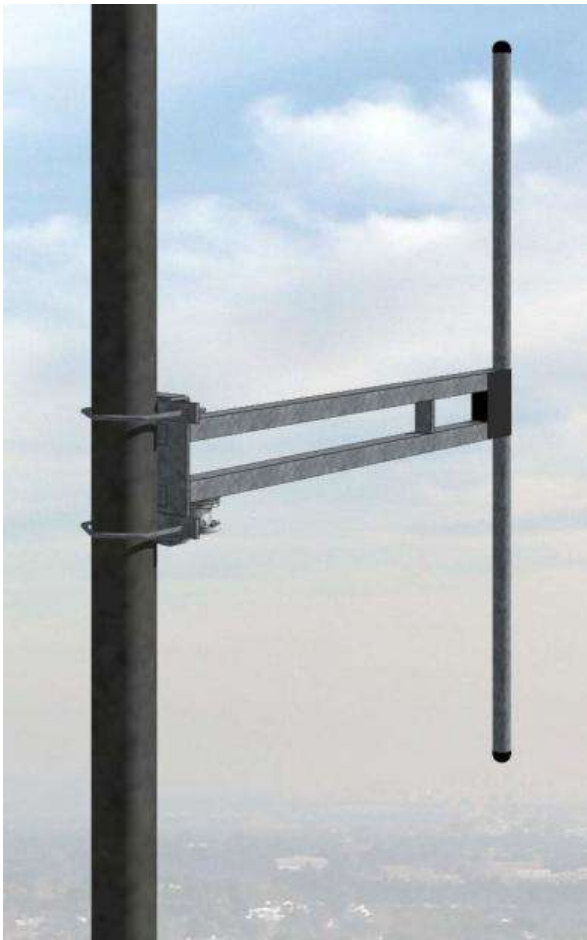


NFV71000 FM Dipole



Broadcasting
Antennas

FM Band

Freq.
87.5 -108
MHz

Input Flange
EIA 7/8"

MAIN FEATURES

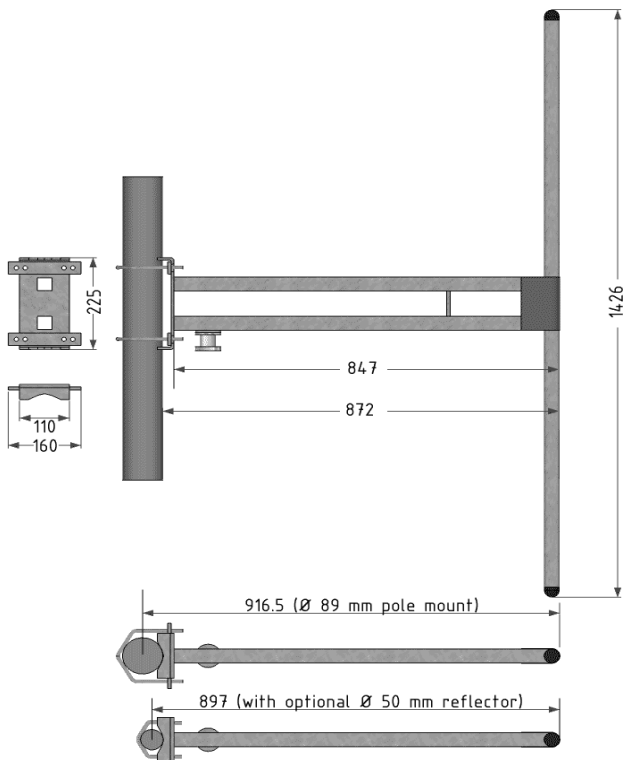
Product Code: NFV71000

Electrical characteristics

Frequency range	87.5 -108 MHz
Input impedance	50 ohm
Polarization	Vertical
Gain	2 dBd
VSWR	< 1.3
Max input Power	5 kW

Mechanical characteristics

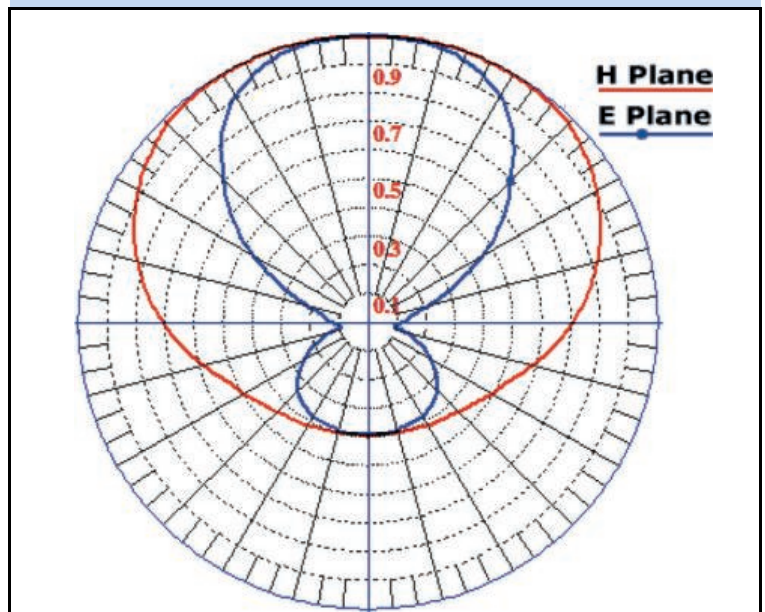
Input Connector	EIA 7/8"
Temperature range	-40° C / +70° C
Weight (Mass)	68.6 N (7 Kg 15.4 lbs)
Max wind (survival)	200 km/h
Mount	Pole Ø 50÷114 mm
Wind loads (wind= 160 Km/h)	74 N (front thrust) 142 N (lateral thrust)



Materials

External Parts	Hot Dip Galvanized Steel
Inner lines / Connections	Silver Plated Alu/Brass
Nuts, & bolts	inox steel AISI 304

E/EM Radiation Patterns



NFV71000 FM Dipole

Broadcasting Antennas

FM Band

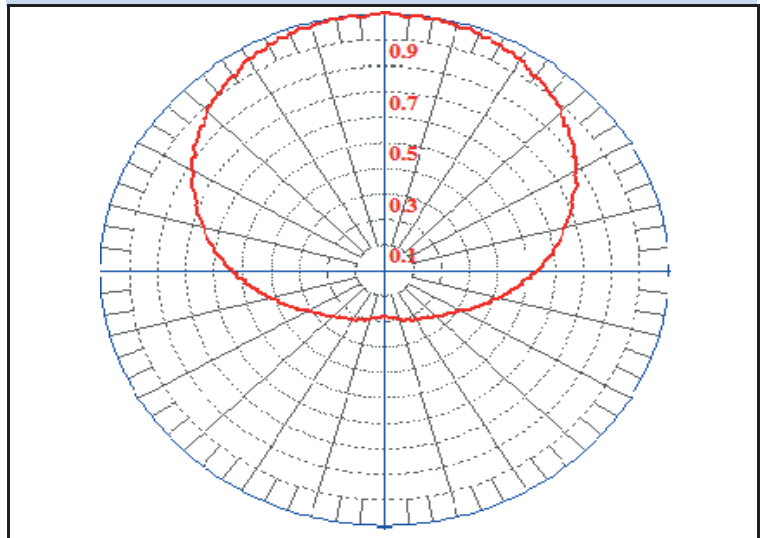
Freq.
87.5 -108
MHz

Input Flange
EIA 7/8"

# of Bays	Gain dBd (times)	Height (H) mm (ft)	Weight* N (Kg)
2	5 (3.2)	3826 (12.6)	237 (24.2)
3	6.8 (4.8)	6226 (20.4)	331 (33.8)
4	8 (6.3)	8626 (28.3)	430 (43.9)
6	9.8 (9.5)	13426 (44)	633 (64.6)
8	11 (12.6)	18226 (59.8)	831 (84.8)
12	12.8 (19.1)	27826 (91.3)	1345 (137.2)

*Includes Antennas, clamps, Power dividers and jumpers

E/EM Radiation Patterns -HORIZONTAL-



E/EM Radiation Patterns -VERTICAL-

