

## PFV71000 FM Panel Single Dipoles Vert. Pol. (I1737)

Band FM

Operative Frequency  
87.5 - 108 MHz

Input: 7/8" EIA

### MAIN FEATURES

Product Code: PFV71000

#### Electrical characteristics

Frequency Range	87.5 - 108 MHz
Input impedance	50 OHM
Polarization	Vertical
Gain	4.4 dBd (@ 98 MHz)
VSWR	<1.35
Max input Power	5.0 kW

all metal parts are ground connected

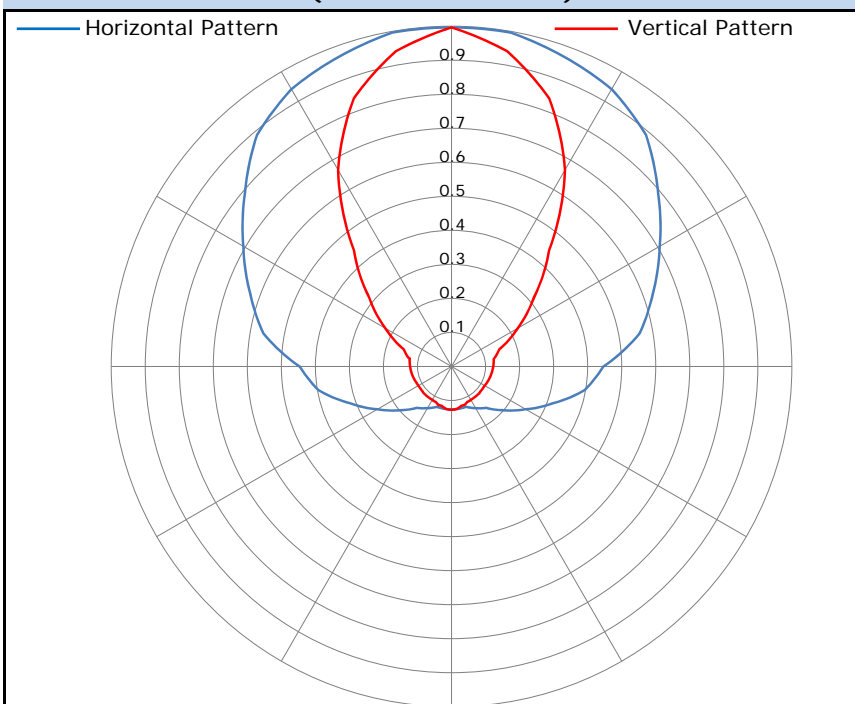
#### Mechanical characteristics

Input Connector	EIA 7/8"
Weight/Mass	284.2 N (29 Kg   63.9 lbs)
Wind loads (wind=160 Kph)	490 N (Front thrust) 314 N (Side thrust)
Max Wind (survival)	200 Kph
Operating temperature	-50°C to +70°C
Pressurization	100 KPa (1 Atm)
Mounting:	Brackets for Ø 60-114 pole

#### Materials

Grid/Dipole/Brackets	Hot Dip Galvanized Steel
Internal Lines	Silver Plated Alu/Brass
Hardware	Inox Steel AISI304
Radome	Fiberglass

#### E/EM Radiation Patterns (Vertical Polarization)



H: 2100 mm [82.6"] W: 910 mm [35.8"] D: 870 mm [34.2"]