

## PVH72000-PVHX2000 VHF & DAB 2 Dipoles Panel

VHF  
Band III TV  
DAB / DAB+

Operative Frequency  
174 - 240 MHz

Input: 7/8" EIA  
7-16 DIN

### MAIN FEATURES

Product Code: PVH72000 (EIA 7/8") / PVHX2000 (DIN 7-16)

#### Electrical characteristics

Frequency Range	174 - 240 MHz
Input impedance	50 OHM
Polarization (depends on mounting)	Vertical/Horizontal
Gain	8 dBd (@ 200 MHz)
VSWR	<1.1
Max input Power PVH72000	3 kW (Input 7/8")
Max input Power PVHX2000	1 kW (Input 7-16)
all metal parts are ground connected	

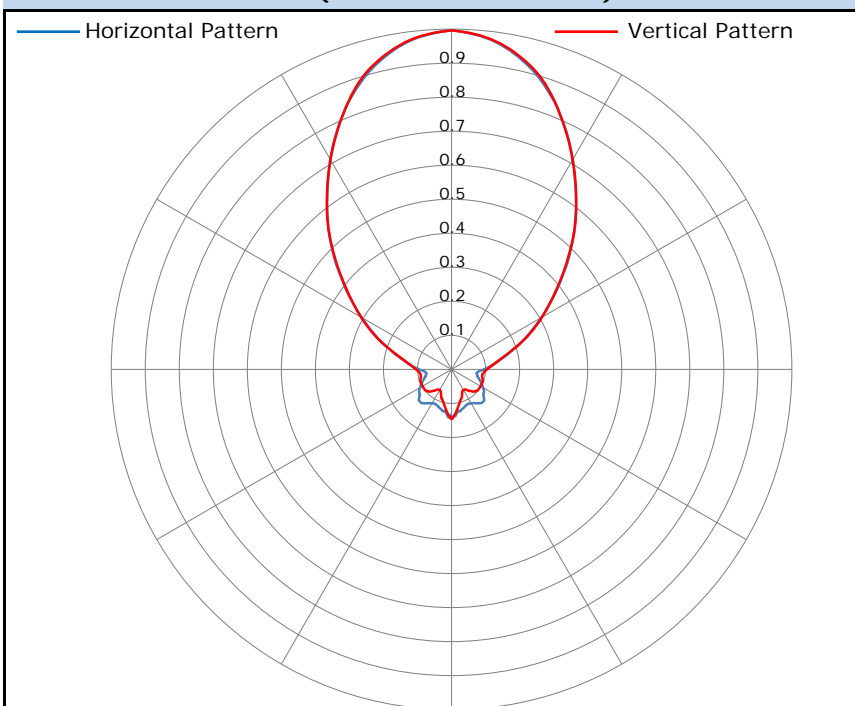
#### Mechanical characteristics

Input Connector PVH72000	EIA 7/8"
Input Connector PVHX2000	7-16 DIN Female
Weight/Mass	284.2 N (29 Kg   63.9 lbs)
Wind loads (wind=160 Kph)	800 N (Front thrust) 120 N (Side thrust H Pol.) 200 N (Side thrust V. Pol.)
Max Wind (survival)	200 Kph
Operating temperature	-50°C to +70°C
Pressurization (NOT for 7-16 input version)	100 KPa (1 Atm)
Mounting on tower face	(Optional Pole Brackets for Ø 89-114 pole)

#### Materials

External parts/Brackets	Hot Dip Galvanized Steel
Internal Lines/ Dipoles	Silver Plated Alu/Brass
Hardware	Inox Steel AISI304

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



H: 1310 mm [51.6"] W: 1310 mm [51.6"] D: 481 mm [18.9"]