

PVM74000-PVMX4000 VHF & DAB MIXED POL. 4 Dipoles Panel

VHF
Band III TV
DAB / DAB+

Operative Frequency
174 - 240 MHz

Input: 7/8" EIA
7-16 DIN

MAIN FEATURES

Product Code: PVM74000 (EIA 7/8") / PVMX4000 (DIN 7-16)

Electrical characteristics

Frequency Range	H. Pol.: 174 - 223 MHz*
	V. Pol.: 174 - 240 MHz
Input impedance	50 OHM
Polarization	Horiz. Vert. Circ. Elliptical
Gain (Circular Pol.)	4.5 dBd (@ 200 MHz)
Gain (Linear Pol.)	7.5 dBd (@ 200 MHz)
VSWR	<1.1 (Circ. Pol.)
Max input Power PVM74000	3 kW (Input 7/8")
Max input Power PVMX4000	1 kW (Input 7-16)
* 230 MHz (on request)	

Mechanical characteristics

Input Connector PVM74000	2 X EIA 7/8"
Input Connector PVMX4000	2 X 7-16 DIN Female
Weight/Mass	412 N (42 Kg 93 lbs)
Wind loads (wind=160 Kph)	800 N (Front thrust) 655 N (Side thrust)
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	

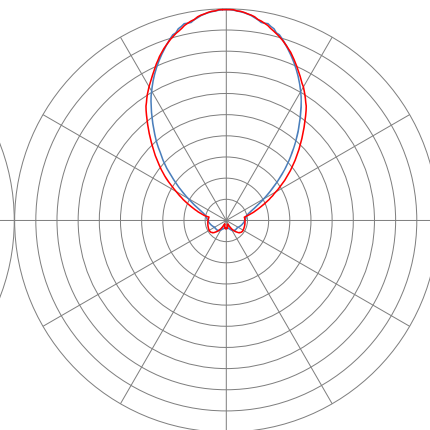
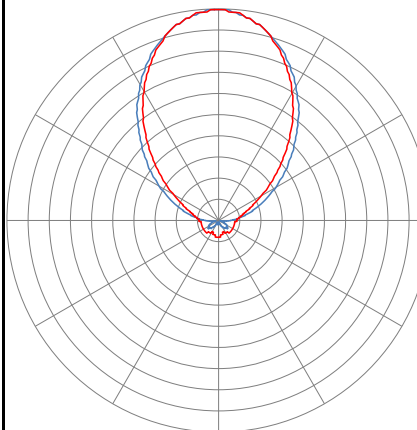
Materials

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

E/EM Radiation Patterns

Horizontal Patterns
— Horizontal Component
— Vertical Component

Vertical Patterns
— Horizontal Component
— Vertical Component



H: 1310 mm [51.6"] W: 1300 mm [51.2"] D: 481 mm [18.9"]