

OVV72000 VHF & DAB 4 Dipoles Omni Antenna

VHF
Band III TV
DAB / DAB+

Operative Frequency
174 - 240 MHz

Input: 7/8" EIA
7-16 DIN

MAIN FEATURES

Product Code: OVV72000 (7/8") - OVVX2000 (7-16 DIN)

Electrical characteristics

Frequency Range	174 - 240 MHz
Input impedance	50 OHM
Polarization	Vertical
Gain	4.5 dBd (@ 207 MHz)
VSWR	<1.2
Max input Power OVV72000	3 kW
Max input Power OVVX2000	2 kW

all metal parts are ground connected

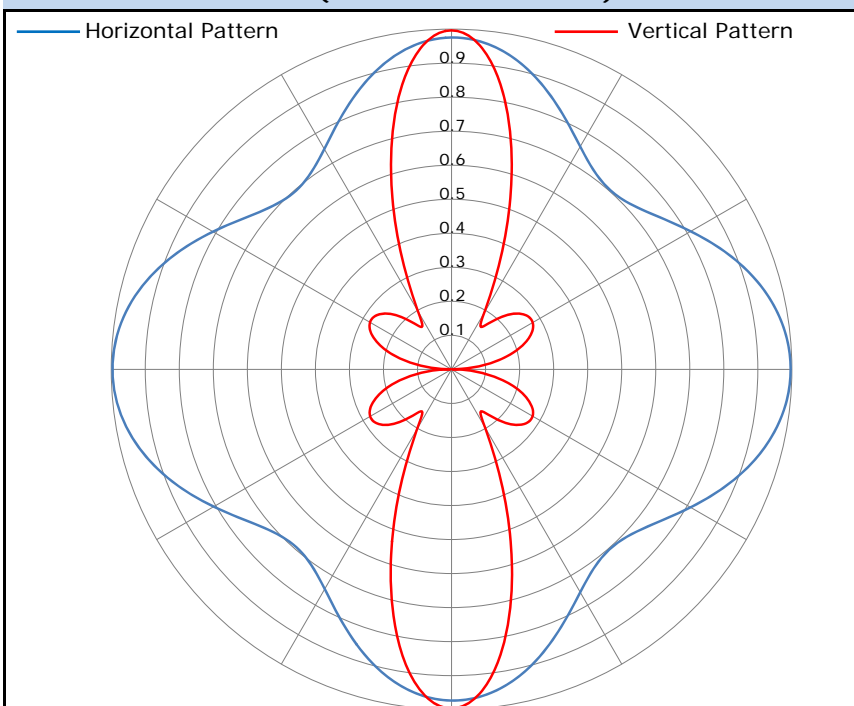
Mechanical characteristics

Input Connector OVV72000	EIA 7/8"
Input Connector OVVX2000	7-16 DIN female
Weight/Mass	686.7 N (70 Kg 154 lbs)
Wind loads (wind=160 Kph)	1099 N
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 top/ pole top	Dedicated flange (see detail for dimensions)

Materials

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

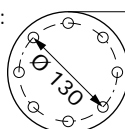
E/EM Radiation Patterns (Horizontal Polarization)



H: 2604 mm [102.5"] W: 900 mm [35.4"] D: 870 mm [34.3"]

Flange details:

8 holes
Ø 14 mm



Ø 160