

## NVV72000 VHF-DAB DUAL DIPOLE

VHF  
Band III TV  
DAB / DAB+

Operative Frequency  
174 - 240 MHz

Input: 7/8" EIA  
7-16 DIN

### MAIN FEATURES

Product code: NVV72000 (7/8") - NVVX2000 (7-16 DIN)

#### Electrical characteristics

Frequency Range	174 - 240 MHz
Input impedance	50 OHM
Polarization	Vertical
Gain	5 dBd (@ 207 MHz)
VSWR	<1.2
Max input Power NVV72000	3.0 kW
Max input Power NVVX2000	2.0 kW

all metal parts are ground connected

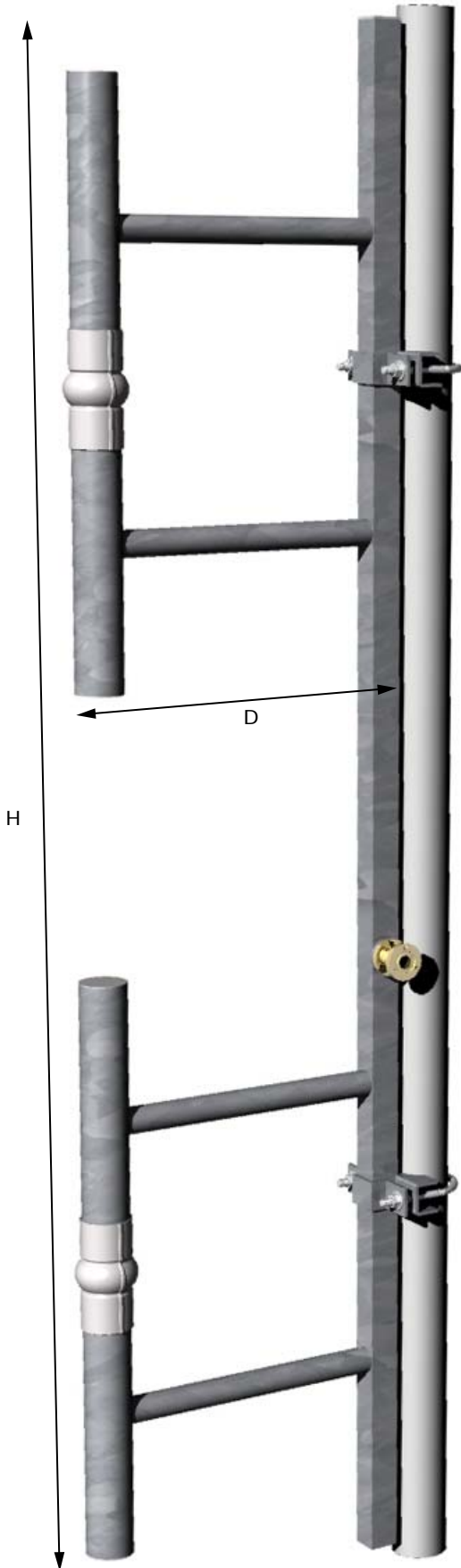
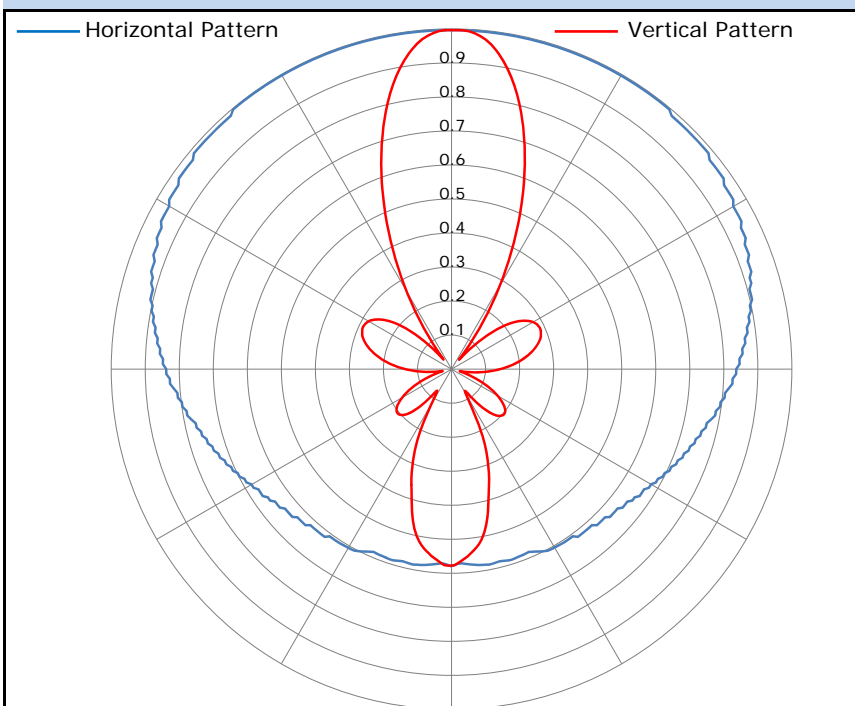
#### Mechanical characteristics

Input Connector NVV72000	EIA 7/8"
Input Connector NVVX2000	7-16 DIN female
Weight/Mass	186.2 N (19 Kg   41.9 lbs)
Wind loads (wind=160 Kph)	410 N (Front thrust) 520 N (Side thrust)
Max Wind (survival)	200 Kph
Operating temperature	-50°C to +70°C
Mounting:	Pole Brackets for Ø 114 pole

#### Materials

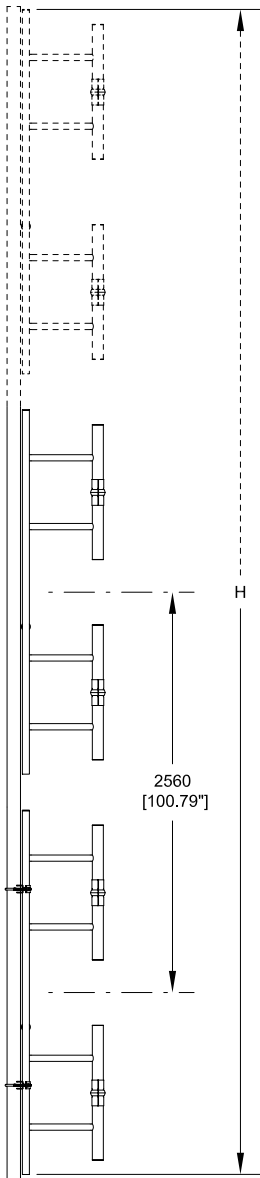
External parts/Brackets	Hot Dip Galvanized Steel
Internal Lines/ Dipoles	Silver Plated Alu/Brass
Hardware	Stainless Steel

#### E/EM Radiation Patterns



H: 2326 mm [91.6"] D: 518 mm [20.4"]

# NVV72000/NVVX2000 VHF-DAB DUAL DIPOLE - Typical Antenna Systems Patterns

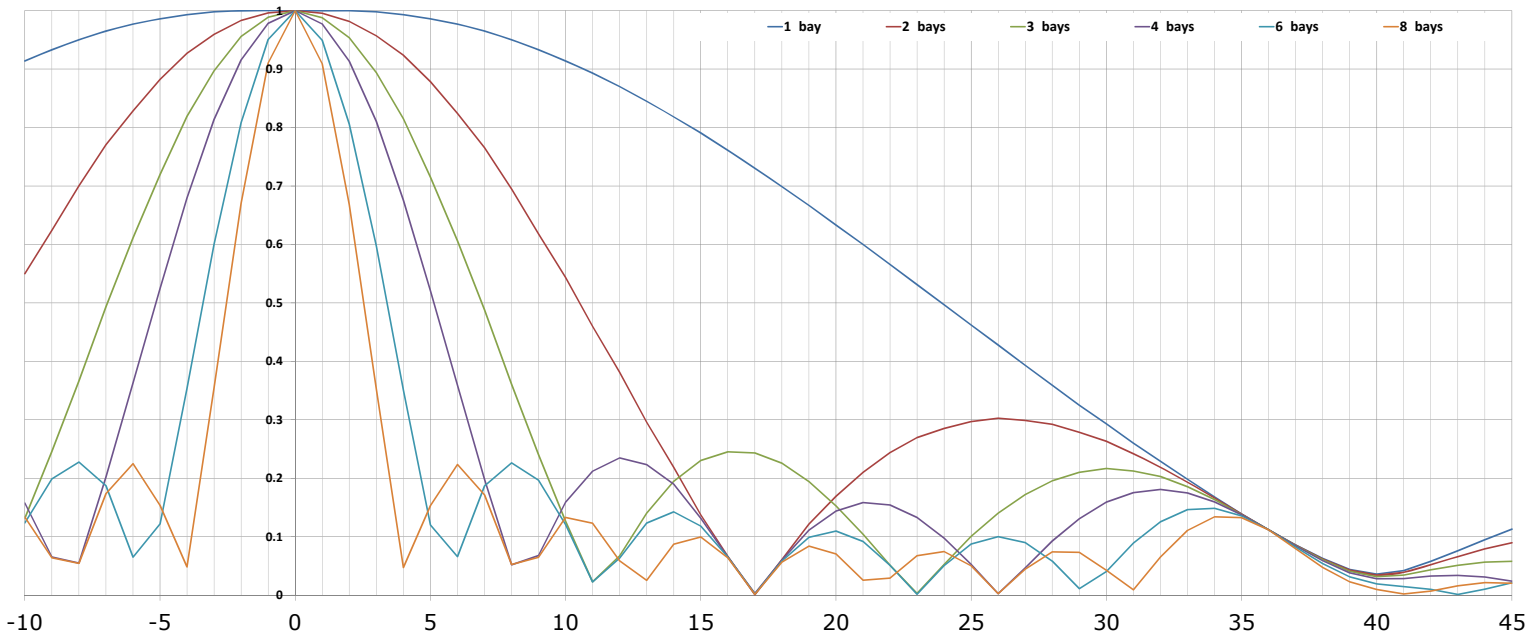


**Arrays Data Table**

Bays (Nr)	Gain (dBd)	Height H (m/ft)	Weight (kg/lbs)*
1	5	2.326 (7.6)	19 (41.9)
2	8	4.886 (16)	38 (83.8)
3	9.8	7.446 (24.4)	57 (125.7)
4	11	10.006 (32.8)	76 (167.6)
6	12.8	15.126 (49.6)	114 (251.3)
8	14	20.246 (66.4)	152 (335.1)

\*Supporting Pole, Cables, Power Dividers NOT considered

## E/EM Vertical Radiation Patterns



I dati contenuti nel presente datasheet possono variare senza preavviso  
Data on this datasheet can vary without previous notice