

## YFV72000/YFV12000 FM Dipole W/reflector

Band FM

Operative Frequency  
87.5 - 108 MHz

Input: 7/8" EIA  
1-5/8" EIA

### MAIN FEATURES

code: YFV72000 (EIA 7/8") / YFV12000 (EIA 1-5/8")

#### Electrical characteristics

Frequency Range	87.5 - 108 MHz
Input impedance	50 OHM
Polarization	Vertical
Gain	3.3 dBd (@ 98 MHz)
VSWR	<1.25
Max input Power YFV72000	5.0 kW
Max input Power YFV12000	10 kW

all metal parts are ground connected

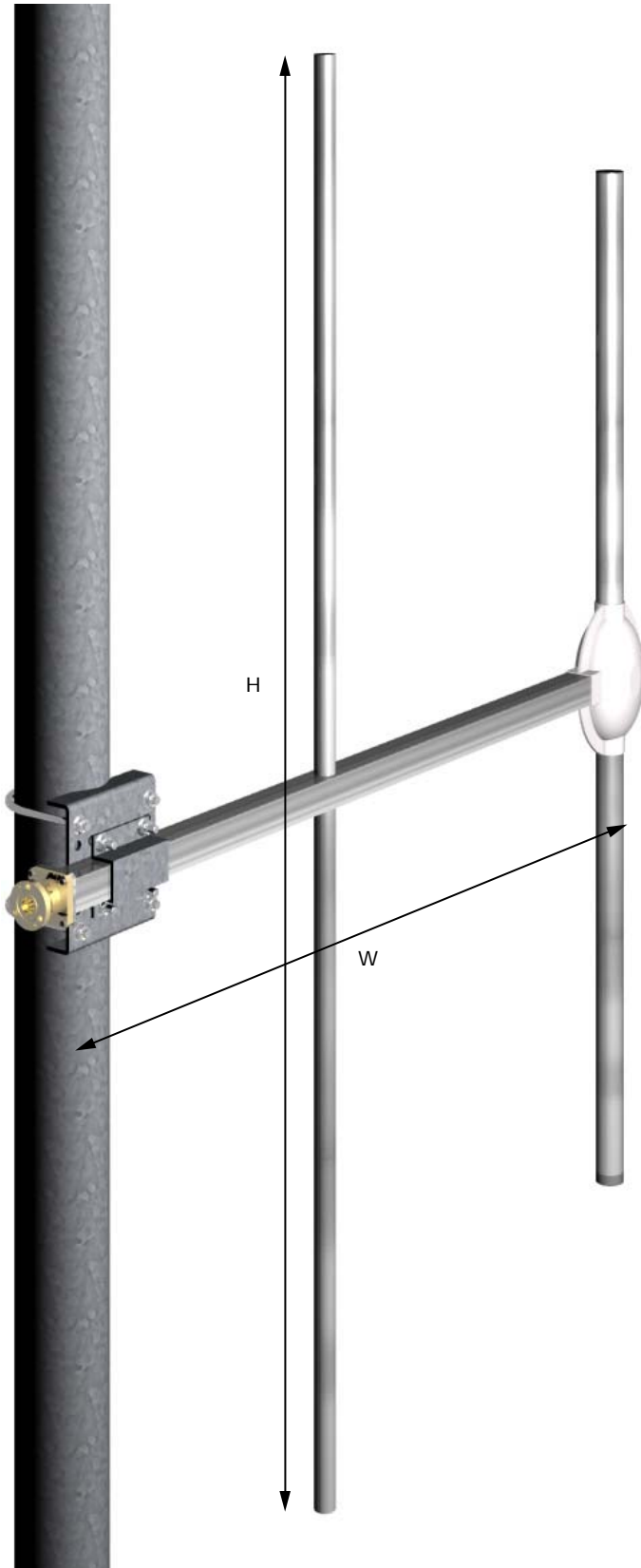
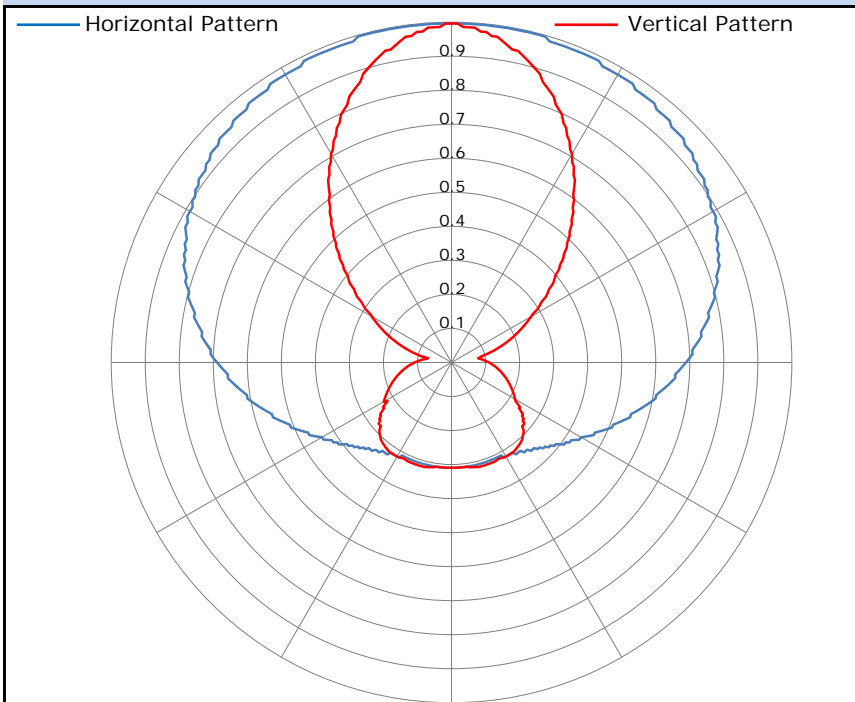
#### Mechanical characteristics

Input Connector YFV72000	EIA 7/8"
Input Connector YFV12000	EIA 1-5/8"
Weight/Mass	102.9 N (10.5 Kg   23.1 lbs)
Wind loads (wind=160 Kph)	77 N (Front thrust) 200 N (Side thrust)
Max Wind (survival)	220 Kph
Operating temperature	-50°C to +70°C
Pressurization	100 KPa (1 Atm)
Mounting:	Brackets for Ø 60-114 pole

#### Materials

External parts/Dipoles	Inox Steel AISI304
Brackets	Hot dip galvanized steel
Internal Lines	Silver Plated Alu/Brass
Hardware	Inox Steel AISI304
Radome	Fiberglass

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



H: 1875 mm [82.6"] W: 1300 mm [35.8"]