

YFV73000 : A 3 elements Yagi



Broadcasting
Antennas

FM Band

Freq.
87.5 -108
MHz

Input Flange
EIA 7/8"

MAIN FEATURES

Product Code: YFV73000

Electrical characteristics

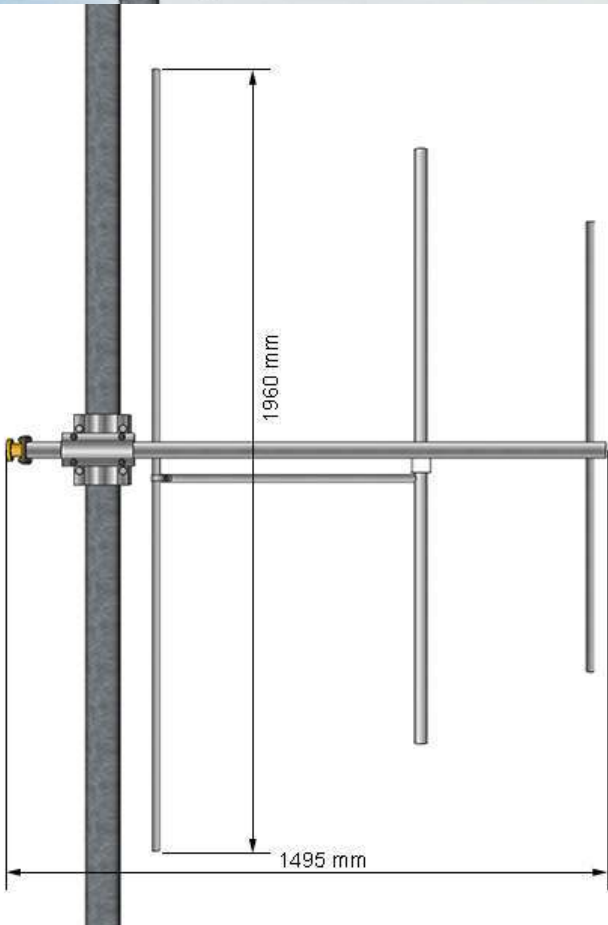
Frequency range	87.5 -108 MHz
Input impedance	50 ohm
Polarization	Vertical/Horizontal
Gain	4.1 dBd
VSWR	< 1.2
Max input Power	7 kW

Mechanical characteristics

Input Connector	EIA 7/8"
Temperature range	-40° C / +70° C
Weight (Mass)	93.1 N (9.5 Kg 20.9 lbs)
Max wind (survival)	200 km/h
Mount	Pole Ø 50-114 mm
Wind loads (wind= 160 Km/h)	157 N (front thrust) 235 N (lateral thrust)

Materials

External Parts	Hot Dip Galvanized Steel
Inner lines / Connections	Silver Plated Alu/Brass
Nuts, & bolts	inox steel AISI 304



E/EM Radiation Patterns

