

YVV75001-YVV75002 VHF & DAB 5 Elements Yagi

VHF
Band III TV
DAB / DAB+

Operative Frequency
174 - 240 MHz

Input: 7/8" EIA

MAIN FEATURES

Product code: YVV75001 (Low Band) - YVV75002 (High Band)

Electrical characteristics

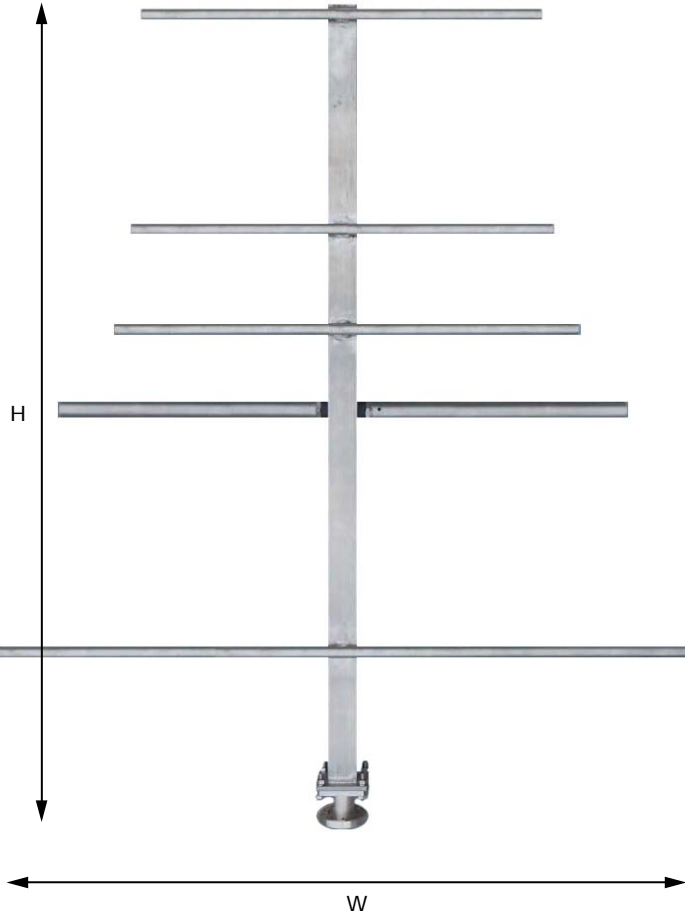
Frequency Range YVV75001	174 - 210 MHz
Frequency Range YVV75002	190 - 240 MHz
Input impedance	50 OHM
Polarization (depends on mounting)	Vertical/Horizontal
Gain	6 dBd (@ 200 MHz)
VSWR	<1.22
Max input Power	3.0 kW
all metal parts are ground connected	

Mechanical characteristics

Input Connector	EIA 7/8"
Weight/Mass YVV75001	55.9 N (5.7 Kg 12.6 lbs)
Weight/Mass YVV75002	50 N (5.1 Kg 11.2 lbs)
Wind loads (wind=160 Kph)	
YVV75001:	155 N (Front thrust); 388 N (Side thrust)
YVV75002:	130 N (Front thrust); 335N (Side thrust)
Max Wind (survival)	200 Kph
Operating temperature	-50°C to +70°C
Pressurization	100 KPa (1 Atm)
Mounting:	Pole Brackets Ø 50-114 pole

Materials

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



YVV75001

W: 956 mm (37.6")

H: 1190 mm (46.9")

YVV75002

W: 785 mm (30.9")

H: 975 mm (38.4")

E/EM Radiation Patterns (Vertical Polarization)

