

YVL77000 VHF & DAB 7 Elements Log Periodic

VHF
Band III TV
DAB / DAB+

Operative Frequency
174 - 240 MHz

Input: 7/8" EIA

MAIN FEATURES

Product code: YVL7000

Electrical characteristics

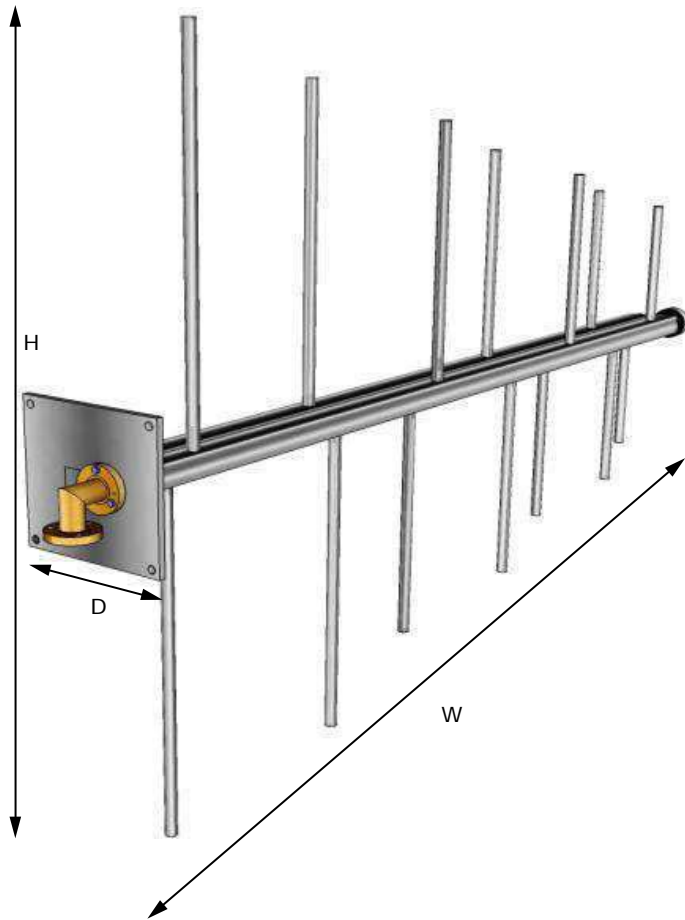
Frequency Range	174 - 240 MHz
Input impedance	50 OHM
Polarization (depends on mounting)	Vertical/Horizontal
Gain	6 dBd (@ 200 MHz)
VSWR	<1.2
Max input Power	2.5 kW
all metal parts are ground connected	

Mechanical characteristics

Input Connector	EIA 7/8"
Weight/Mass	137 N (14 Kg 31 lbs)
Wind loads (wind=160 Kph)	130 N (Front thrust) 400 N (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



H: 785 mm [30.9"] W: 1327 mm [52.2"] D: 180 mm [7.1"]

E/EM Radiation Patterns (Vertical Polarization)

