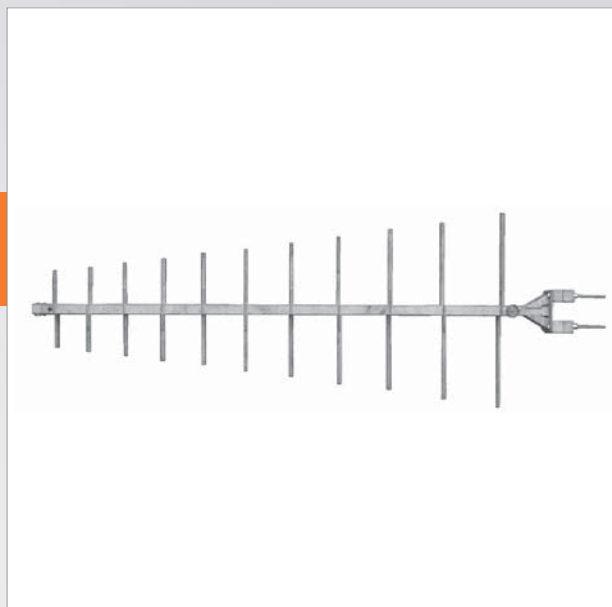


# 3VTV-05

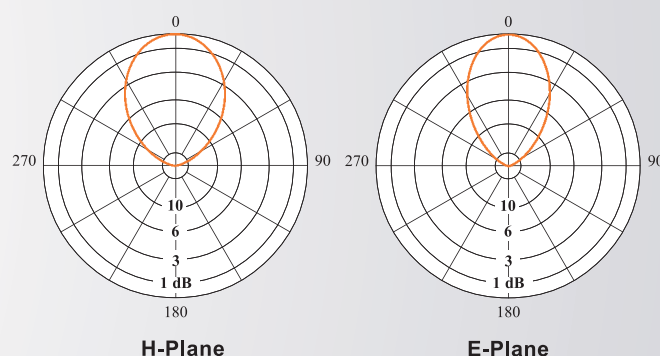
## VHF LOG. PERIODIC ANTENNA

### FEATURES

- horizontal or vertical polarization
- broadband 174 ÷ 230 MHz
- 8.5 dB gain
- directional pattern



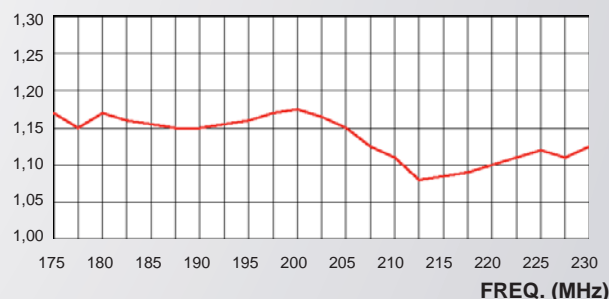
### RADIATION PATTERNS (Mid Band)



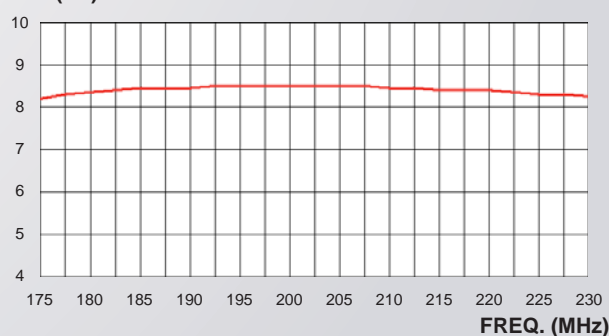
H-Plane

E-Plane

### VSWR



### GAIN (dB)



### ELECTRICAL DATA

ANTENNA TYPE	3VTV-05
FREQUENCY RANGE	174 ÷ 230 MHz
IMPEDANCE	50 ohm
CONNECTOR	NF
MAX POWER	0.5 kW
VSWR	≤ 1.2
POLARIZATION	Horizontal or Vertical
GAIN (referred to half wave dipole)	8.5 dB
HALF POWER BEAMWIDTH	E-Plane ± 26° H-Plane ± 33°
LIGHTNING PROTECTION	All Metal Parts DC Grounded

### MECHANICAL DATA

DIMENSIONS	2400 x 862 x 200 mm
WEIGHT	30 kg
WIND SURFACE	0.28 m <sup>2</sup>
WIND LOAD (at 150km/h)	0.3 kN
MAX WIND VELOCITY	220 km/h
MATERIALS	External (galvanized steel) Internal (silver plated aluminium, noryl) Radome (fiberglass)
ICING PROTECTION	Feed point radome
MOUNTING	Special pipe clamps included