

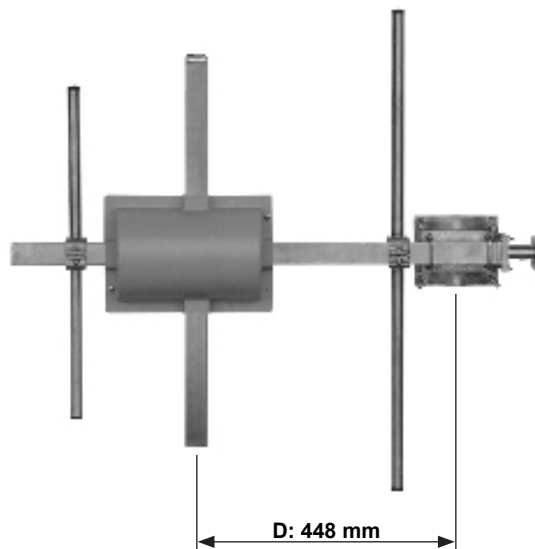
# 3VTV-10/A

## VHF (BIII) / DAB YAGI ANTENNA



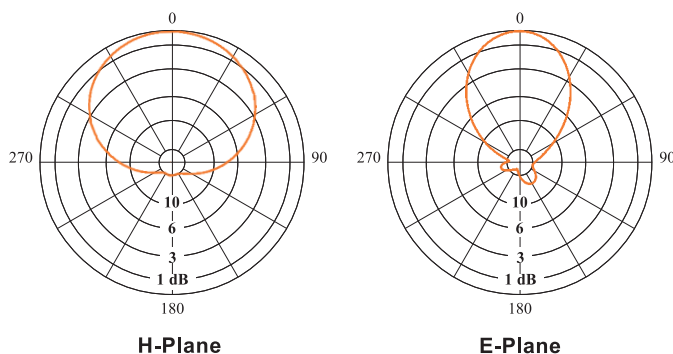
### FEATURES

- horizontal or vertical polarization
- bandwidth 174 ÷ 181 MHz
- 4.5 dB gain
- directional pattern
- stainless steel



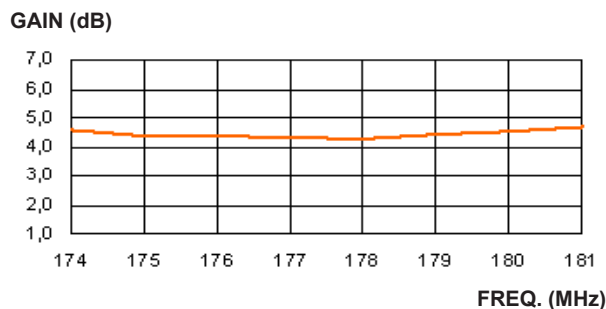
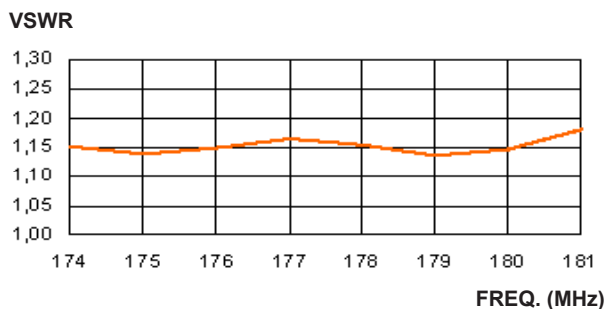
VHF ANTENNAS

RADIATION PATTERNS (Mid Band)



ELECTRICAL DATA	
ANTENNA TYPE	3VTV-10/A
FREQUENCY RANGE	174 ÷ 181 MHz
IMPEDANCE	50 ohm
CONNECTOR	7/8" EIA
MAX POWER	3 kW
VSWR	≤ 1.2
POLARIZATION	Vertical or Horizontal
GAIN (referred to half wave dipole)	4.5 dB
HALF POWER BEAMWIDTH	E-Plane ± 33° H-Plane ± 62°
LIGHTNING PROTECTION	All Metal Parts DC Grounded

MECHANICAL DATA	
DIMENSIONS	898 x 820 x 160 mm
WEIGHT	10 kg
WIND SURFACE	0.08 m <sup>2</sup>
WIND LOAD	0.10 kN (wind speed 150 km/h)
MAX WIND VELOCITY	220 km/h
MATERIALS	External parts (stainless steel) Internal parts (silver plated brass, polished brass, deoxidized aluminium) Radome (fiberglass)
ICING PROTECTION	Feed point radome
RADOME COLOUR	Grey (standard)
MOUNTING	Directly on supporting mast



Specifications are subject to change without prior notice