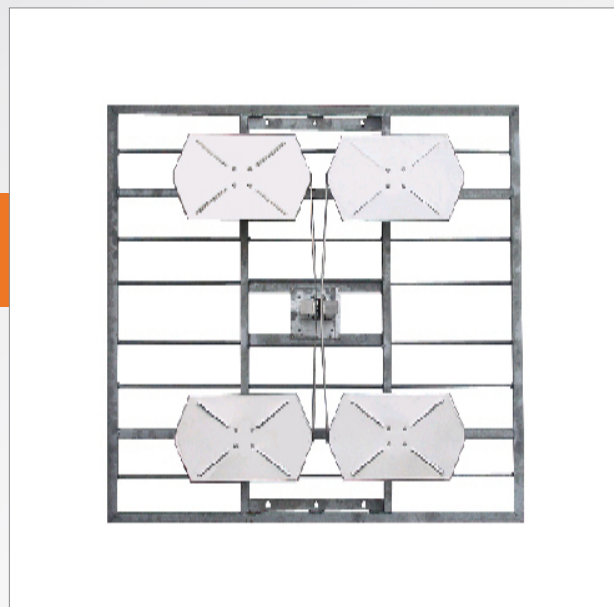


3VTV-02/EB

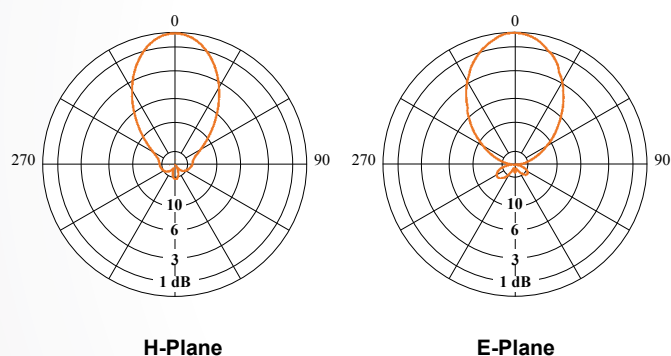
VHF PANEL ANTENNA

FEATURES

- horizontal polarization
- broadband 174 ÷ 254 MHz
- 8 dB gain
- directional pattern
- suitable as a component in various arrays



RADIATION PATTERNS (Mid Band)



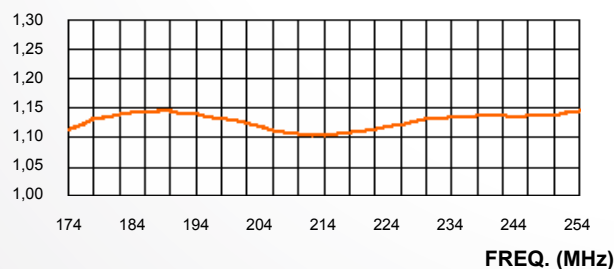
ELECTRICAL DATA

ANTENNA TYPE	3VTV-02/EB
FREQUENCY RANGE	174 ÷ 254 MHz
IMPEDANCE	50 ohm
CONNECTOR	7/8" EIA
MAX POWER	3 kW
VSWR	≤ 1.15
POLARIZATION	Horizontal
GAIN (referred to half wave dipole)	8 dB
HALF POWER BEAMWIDTH	E-Plane ± 31° H-Plane ± 28°
LIGHTNING PROTECTION	All metal parts DC grounded

MECHANICAL DATA

DIMENSIONS	1300 x 1300 x 532 mm
WEIGHT	36 kg
WIND SURFACE	0.75 m ²
WIND LOAD (at 150 km/h)	1.10 kN
MAX WIND VELOCITY	220 km/h
MATERIALS	Reflector (hot dip galvanized steel) Dipoles (stainless steel) Internal parts (silver plated brass)
MOUNTING	Directly on supporting mast or tower

VSWR



GAIN (dB)

