

UTV-11

UHF SUPERTURNSTILE ANTENNA

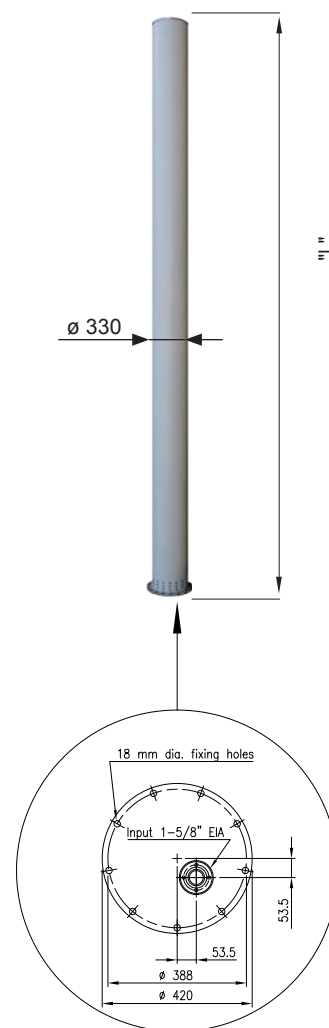


FEATURES

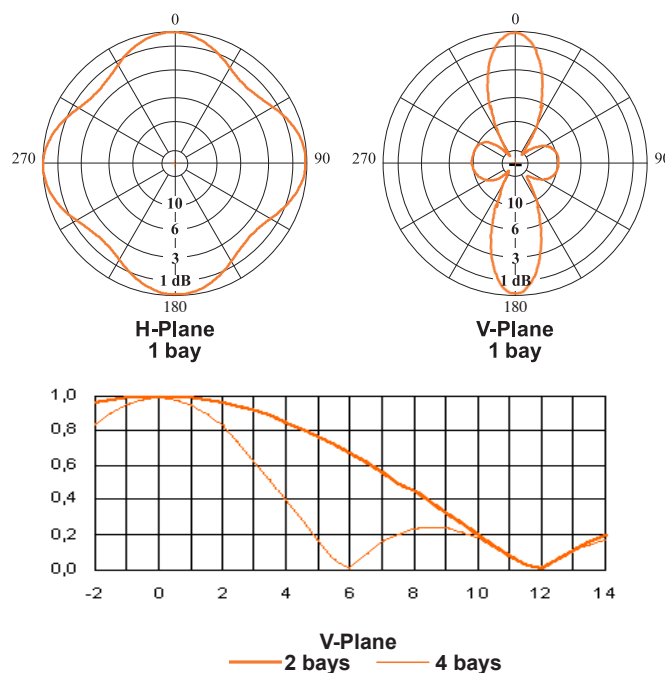
- horizontal polarization
- broadband 470 ÷ 860 MHz
- omnidirectional pattern
- self supporting radome

ELECTRICAL DATA			
	NUMBER OF BAYS		
	1	2	4
ANTENNA TYPE	UTV-11/1	UTV-11/2	UTV-11/4
FREQUENCY RANGE	470 ÷ 860 MHz		
IMPEDANCE	50 ohm		
CONNECTOR	7/8" EIA		1-5/8" EIA
MAX POWER	2 kW		5 kW
VSWR	≤1.1		
POLARIZATION	Horizontal		
GAIN (referred to half wave dipole)	5 dB	8 dB	11 dB
LIGHTNING PROTECTION	All metal parts DC grounded		

MECHANICAL DATA			
	NUMBER OF BAYS		
	1	2	4
DIAMETER	420 mm		
ANTENNA HEIGHT "L"	1186 mm	2286 mm	5110 mm
WEIGHT	40 kg	60 kg	135 kg
WIND SURFACE	0.39 m ²	0.75 m ²	1.69 m ²
WIND LOAD (wind speed at 150 km/h)	0.31 kN	0.60 kN	1.36 kN
MAX WIND VELOCITY	220 km/h		
MATERIALS	Dipoles (galvanized steel) Internal parts (silver plated brass) Radome (fiberglass) Supporting frame (galvanized steel)		
ICING PROTECTION	Full radome		
RADOME COLOUR	Grey		
MOUNTING	Directly on top of existing mast by means of a flange		



RADIATION PATTERNS (Mid Band)



Specifications are subject to change without prior notice