

UHF Super Turnstile Antenna



Product Description

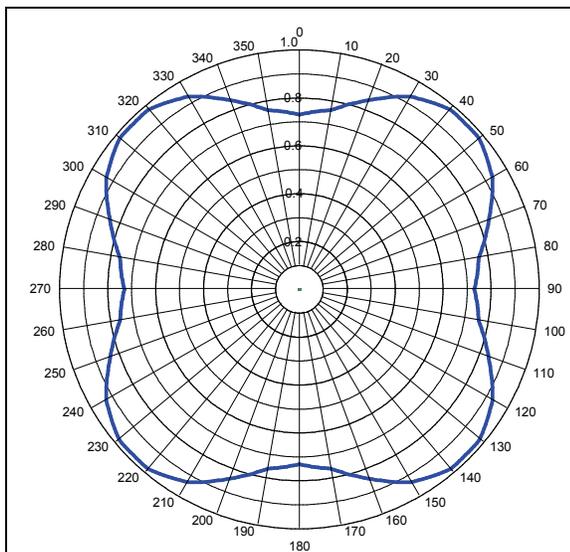
The super turnstile has many outstanding features that mean great value to today's broadcaster. Radome enclosed for Long life and many years of continuous service. The UHF Super Turnstile can be either top or sidemounted on a tower. Minimum windloading while providing broadband response makes the UHF Super Turnstile an ideal antenna for applications where either the channel is defined or where multiple channels are to be combined.

Band IV/V 470 – 860 MHz

Radome Enclosed

Assembled and Tested

Top or Side Mount



Standard Omni Azimuth Pattern

Alan Dick Broadcast Ltd

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Notes:

1. High power ratings available.
2. Polarization is Horizontal Polarization.
3. Power Gain is based on half wave dipole in free space.
4. All inputs are EIA flange, female.
5. Weights and wind loads shown include standard Top Mounting.
6. Power and dB gains are typical for horizontal components.
7. Power de-rating occurs above 2,000 feet elevation. Contact factory for details.
8. Special mounting brackets are available.

Since many factors contribute to station's compliance with FCC exposure guidelines for radio frequency radiation, ADBL cannot accept any responsibility in this matter. The station must examine and determine its status based on each individual situation. Contact the factory for pricing and further details.

*All specifications subject to change without notice.

ELECTRICAL DATA			
	Number of Bays		
	2	4	8
Antenna Type	JAT-1	JAT-2	JAT-4
Frequency Range	470-860 MHz		
Impedance	50 OHM		
Connector	7/8" EIA or 1-5/8" EIA		1-5/8" EIA
Max Power	2kW or 5kW		5kW*
VSWR	≤ 1.1 (in the frequency range)		
Polarization	Horizontal		
Gain (referred to half wave dipole)	5 dB	8 dB	11 dB
Lightning Protection	All metal parts DC Grounded		
*Higher power rating available– Contact Factory			

MECHANICAL DATA			
	Number of Bays		
	2	4	8
Diameter	406 mm		
Antenna Height "L"	5.25 ft / 1.6m	9.85ft / 3.0m	17.72ft / 5.4m
Weight	98lb / 45kg	180lbs / 82 kg	290lbs / 132kg
Wind Surface	7.0 sq/ft	13.15 sq/ft	23.6 sq/ft
Max Wind Velocity	147 mph (220 kph)		
Materials	Fiberglass Cylinder		
Icing Protection	Full Radome		
Radome Color	White		
Mounting	Top Mount/Base Flange Mount/ Side Mount		

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