

# MT-3015

100-500 MHz UHF Tactical High Power Directional Antenna



**Wireless Edge**  
Antenna Solutions  
An MTI Company

## Electrical

Frequency	100- 500 MHz
Gain	6 dBi min
VSWR	2.0 : 1 nominal 2.5 : 1 max
Polarization	Linear : Adjustable ,Vertical , Horizontal or Oblique
Input Impedance	50 $\Omega$
Power Handling	500 W CW
Front to Back Ratio	15 dB
3dB Elevation Beam width	65° nominal
3dB Azimuth Beam width	100° nominal

## Mechanical

Connector	N Type Female	
Dimensions:	Length	1.4 meter
	Width	1.7 meter at longest element
	Weight	5 kg
Mounting	Socket adapter to pole $\varnothing$ 32mm $\varnothing$ 1 1/4", 59 mm deep, including securing pin $\varnothing$ 1/4"	
Material	Aluminum	
Stowage Bag Size	1.45 M max	

## Environmental

### Test

The antenna is designed accordance with military specification for ground and vehicular equipment

Temperature	Operational	-45°C to 55°C
	Non Operational	-60°C to 71°C
Wind Speed	80 Km/hr	

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