

MT-3010

20 – 100 MHz Tactical High Gain High Power Directional Antenna



Wireless Edge
Antenna Solutions
An Mti Company

Electrical

Frequency	20 – 100 MHz					
Gain	MHz	20 - 30	30 - 40	40 - 80	80 - 90	90 - 100
	dBi	1.5	4.5	6	5.5	5
VSWR (Input with 25 Ft of RG 217/U Coaxial Cable)	2.5 :1 max 2.2 : 1 max 90% of band					
Polarization	Adjustable – Linear, Vertical , Horizontal , Oblique					
Power Handling	1000 W CW					
Impedance	50 Ω					
3 dB Elevation Beam width	70° typ					
3 dB Azimuth Beam width	140° typ					

Mechanical

Length of Antenna	5 m
Length of Longest Element	5.6 m
Weight	31 Kg
Connector	C Type Female
Mounting	Socket Type Adapter to Pole 32 mm Ø (1 1/4") 120 mm deep, including securing pin Ø 1/4"

Environmental

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

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

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