

# MT-3006

20 - 90 MHz VHF High Power Antenna



**Wireless Edge**

Antenna Solutions

An Mti Company

## Electrical

Frequency	20 - 90 MHz			
Gain				
Frequency MHz	20	30	50	90
Gain dBi	-5	3	4	4
VWSR	3 :1 max 30-90 MHz 18:1 20-30 MHz			
Front to Back Ratio	12 dB 30-35 MHz 15 dB 35-90 MHz			
Polarization	Slant 45°			
Power Handling	500 W CW			
Input Impedance	50 Ω			
Phase Matching	±2°			

## Mechanical

Connector	N Type Female
Length of Longest Element	5.25 M
Weight	28 Kg
Maintainability	Replaceable Dipole Element

## Environmental

Temperature Range	-20° to 70°
Wind survival	180 Km/hr Including Ice Loading of 10 mm radial
Wind Operational	60 Km/h Phase stability of ±2°

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11 Hamelacha st. Afek Industrial Park, Rosh-Ha'AYin 4809121 | Tel. +972.3.9008900 | Fax. +972.3.9008901