

# MT-9010

10.15 – 10.65 GHz 25 dBi Directional Antenna



**Wireless Edge**  
Antenna Solutions  
An MTI Company

## Electrical

Regulatory Compliance	EN 302 085 v1.1.1 (1999-01) ETS 300 019-1-4, A1 June 1997
Frequency	10.15 – 10.65 GHz
Gain	25 dBi min
VSWR	2.0:1 max
Polarization	Linear Vertical
Azimuth and Elevation RPE	ETS 302 085 v1.1.1 (1999-01), Class TS3, Table 11.
3 dB Beam width	8° nominal

## Mechanical

Connector	SMA Female
Dimensions (L x W x D)	10" x 10" x 1" max
Weight	1.60 Kg
Radome	Plastic
Base Plate	Metal, Anodized Aluminum

## Environmental

Temperature Operational	-35° C to +75 °C
Temperature Storage	-45° C to +85°C
Vibration	ETS 300 019-1-4 (Feb 92), Class 4.1 Sweep rate = 0.1 Octave/min; 10 cycles
Wind Load Operating	150 Km/hr
Survival	250 Km/hr
Humidity	0-100 % Relative Humidity when mounted
Ice Loading	1" radial
Solar Radiation	< 1,120 w/m <sup>2</sup>
Salt Fog	MIL-STD-810E, Method 509.3 for 160 hours

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