

# MT-463021/NV

4.9 – 5.935 GHz 12.5 dBi Train Antenna

## Electrical

Regulatory Compliance	RoHS
Frequency	4.9 - 5.935 GHz
Peak Gain (1 m diameter ground plane)	12.5 dBi
VSWR	1.7:1
Azimuth 3 dB Beam Width	45° typ
Elevation 3 dB Beam Width	16° typ
Elevation Tilt	12° typ
Polarization	Linear Vertical
Input Impedance	50 ohm
Input Power	50 W CW max
Lightning Protection	DC Grounded

## Mechanical

Dimensions	260 x 100 x 90 mm max
Weight	1.4 kg max
Connector	N-Type Female
Radome Color	RAL 7043 dark grey
Radome Material	ASA_SAN
Back Plate/Base Plate Color	RAL 7043 dark grey
Back Plate/Base Plate Material	Aluminum

## Environmental

Environmental conditions	Outdoor
Operation Temperature	-40° to +85° C
Storage Temperature	-40° to +85° C
Transport Temperature	-40° to +85° C
IP Rating	IP66
Solar Radiation	DIN 75220
RoHS 2002/95/EC	Compliant
Environmental tests	EN 50155:2004

This document and the information contained in it are proprietary and confidential to MTI. No person is allowed to copy reprint reproduce or publish any part of this document nor disclose its contents to others nor make any use of it nor allow or assist others to make any use of it, unless by the prior written express authorization of MTI and then only to the extent authorized.

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