

MT-7010

2 – 40 GHz Omni Directional Submarine Antenna

Electrical

Frequency	2 – 40 GHz
Gain at matched polarization	2 – 8 GHz -3 to 4 dBi 8 – 18 GHz -1 to 3 dBi 18 – 40 GHz -4 dBi
Polarization	45° Slant
VSWR	3 : 1 typ
Azimuth Coverage	Omni Directional
Azimuth Ripple	±3 dB max
3dB Elevation Beam width	20° typ

Mechanical

Antenna Height	22.5 cm
Connector	3 X SMA Female
Mounting base diameter	16 cm
Weight	1.8 Kg

Environmental

The antenna conforms with environmental requirements of MIL – E – 16400 and is tested to withstand high pressure

Hydrostatic pressure	32 bars
----------------------	---------

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