

# MT-7025

2 – 18 GHz Omni Directional Submarine Antenna

## Electrical

Stack of 2 Biconical elements covering the 2 – 18 GHz Band. 2 – 8 and 8 – 18 GHz

Frequency	2 – 18 GHz
Gain	-5 dBi min @ 2 – 8 GHz -2 dBi min @ 8 – 18 GHz
VSWR	3 : 1 max
Polarization	2 – 8 GHz: 45° Linear slant 8 – 18 GHz : Circular
Azimuth coverage	Omnidirectional
Azimuth Ripple	±3 dB max
Elevation 3 dB Beamwidth	15° typ

## Mechanical

Connector	2 x SMA Female
Weight	17 Kg

## Environmental

The Antenna is designed in accordance with MIL – E – 16400 and is tested to withstand high hydrostatic pressure.