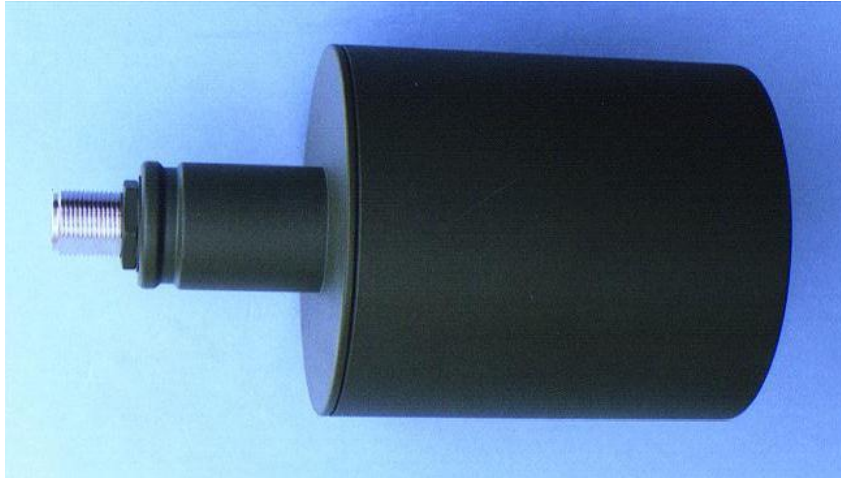


OMNI Antenna Ref.: NE0018



DESCRIPTION

This aerial is designed for data link purpose using circular polarization with omni-directional azimuth pattern in the S frequency band.

The marine aluminium antenna base allows to fix the aerial on a mast. The antenna is array type. It is mainly composed of glass/epoxy fibers.

The aerial is designed for harsh environments: -40°C to +85°C operating temperature, seawater resistant.

TECHNICAL CHARACTERISTICS

Frequency band	:	2.2 – 2.5 GHz
VSWR	:	1.5
Polarization	:	circular
Elevation pattern (@ 3dB)	:	80° typ.
Azimuth pattern (@ 3 dB)	:	Omni-directional
Antenna gain	:	1.5 dBi typ.
Power	:	20 Watts
Impedance	:	50 Ohms
RF output connector	:	N female
Protection	:	IP 53 radome
Dimensions	:	length (including connector): 193 mm, diameter: 87 mm
Weight	:	650 g typ.