



MARITIME ANTENNA

Maritime 10

Overview

■ Designed for Marine Applications

IP68 rated, durable omnidirectional antenna, with UV-stable housing, providing the best signal reception.

■ Designed for 5G

High performance in all low, mid and high bands for the best 5G connectivity at sea.

■ Wide bandwidth

Wide frequency range (600-4200MHz) supporting LTE and 5G connectivity.

■ Easy installation

Supports standard marine 1" 14 TPI thread mount and also has an L-shape mount for non standard installations.

Applications

■ Maritime

9.3
dBi

IP
68

1x1
SISO

↑↓
LTE

Built
for
5G

∞
LONG
Range

Specification

Cellular

Antenna elements	1 element
Cellular frequency bands & Gain	2.8dBi: 617-960MHz 8.2dBi: 1710-2700MHz 9.3dBi: 3400-4200MHz
VSWR	<2.8: 617-960MHz <2.1: 1710-4200MHz
Max feed power handling	10W
Input impedance	50 Ω
Polarisation	Linear

Mounting

Supported types	Standard Maritime 1" 14 TPI thread Pole and wall mounting Pole diameter: 1-2" (25-50mm)
-----------------	---

Mechanical

Termination	N-type female
Product dimensions	(Diameter) 3.78" / 96mm (Height) 19.04" / 483.5 mm
Packaged dimensions	26.3" x 6.0" x 6.1" 668 x 153 x 155 mm
Housing material	UV stable PC

Package contents

Antenna	Maritime Antenna 10
Accessories	Maritime mount set L-shape mount set

Environmental & Compliance

IP rating	IP68
Operating temperature	-40° - 176°F / -40° - 80°C
Storage temperature	-40° - 176°F / -40° - 80°C
Compliance	ROHS, REACH, WEEE
Wind survivability	100mph / 160km/h
Salt Spray	MIL-STD 810F/ASTM B117

Ordering Information

Product Code	ANT-MR-10-N-W
Description	1xLTE/5G, 600-4200MHz, IP68, N-type, White

Contact Us

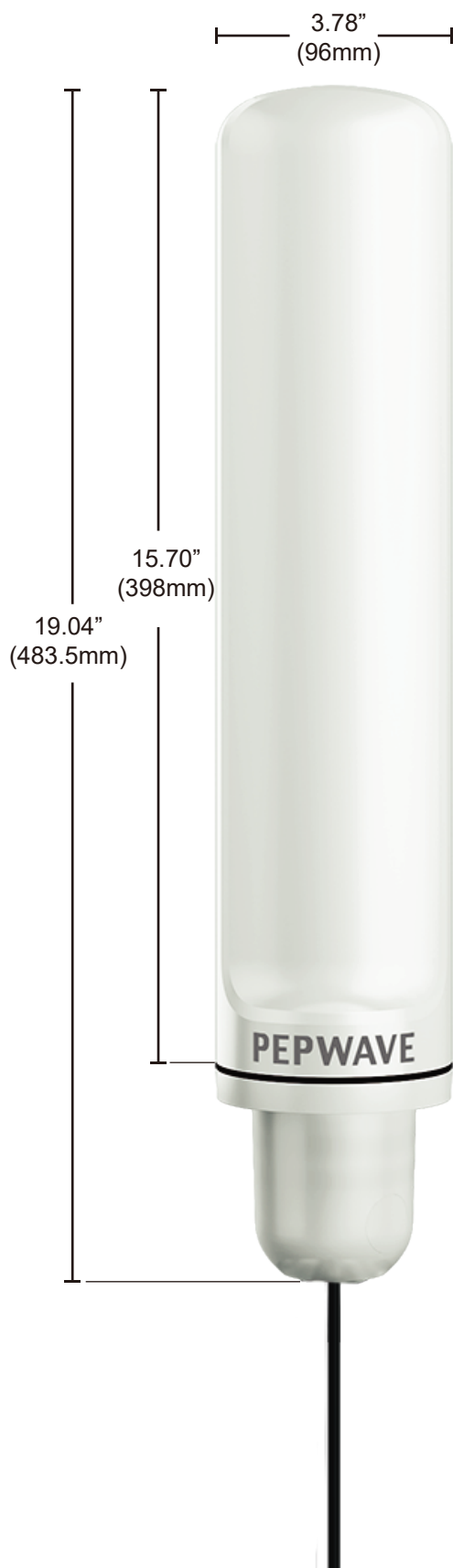
maritime@peplink.com

Find a Peplink Certified Partner

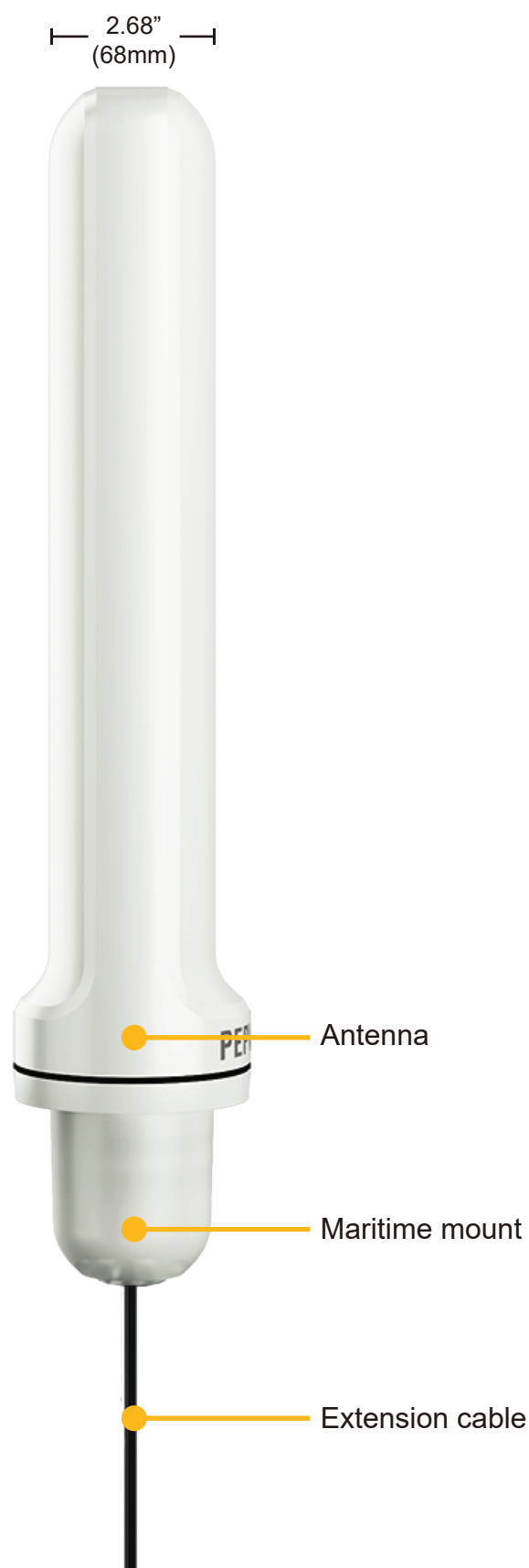
<https://www.peplink.com/peplink-certified-partners/>

Maritime 10

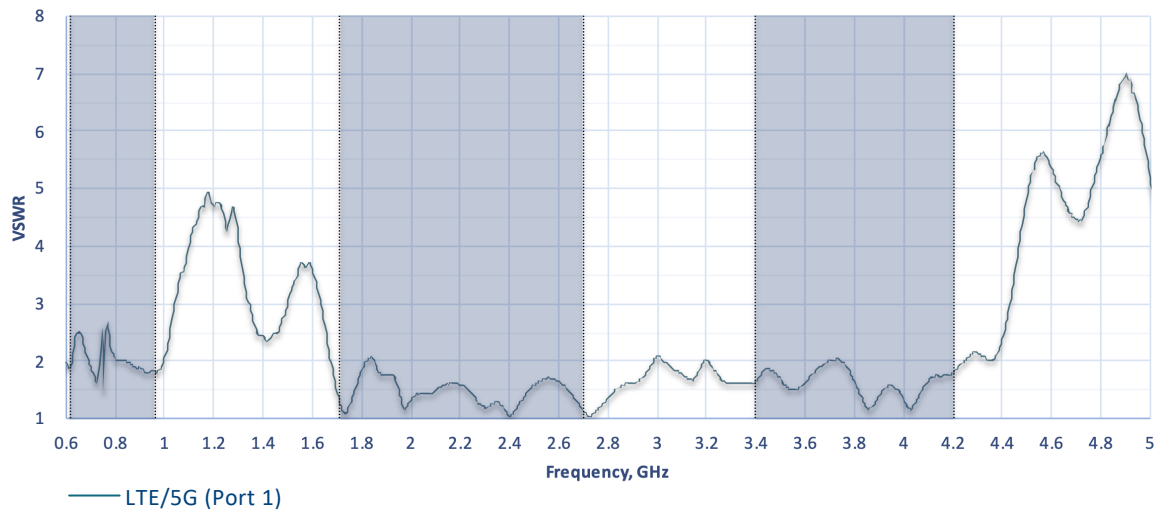
Technical Drawing



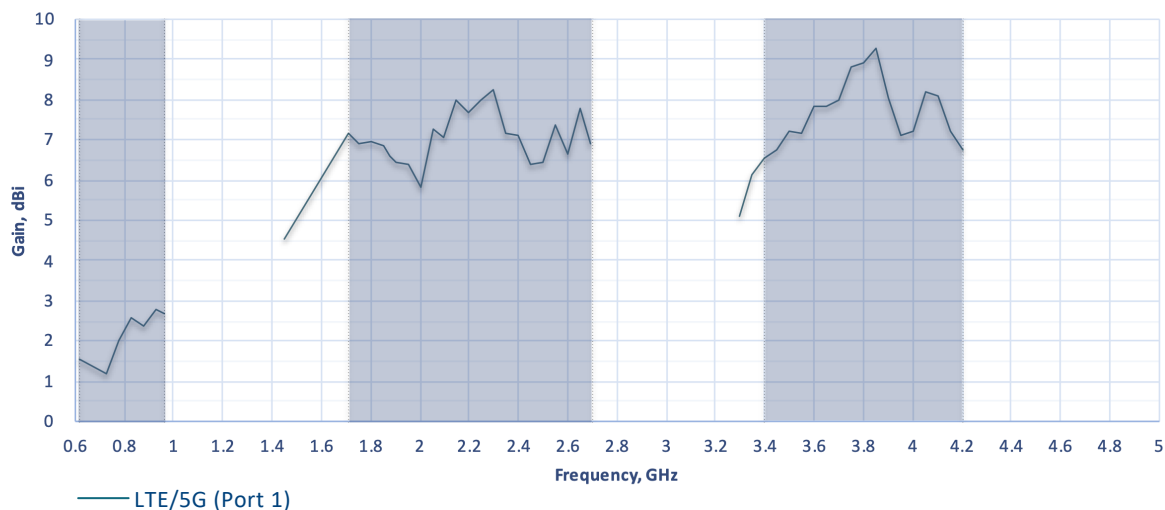
Maritime 10



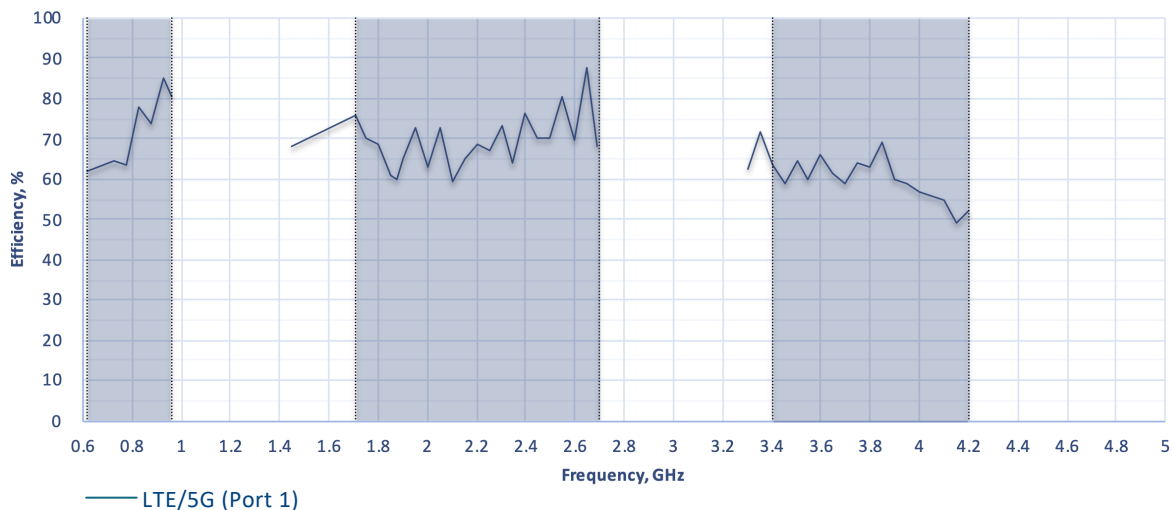
Cellular Antenna VSWR



Cellular Antenna Gain

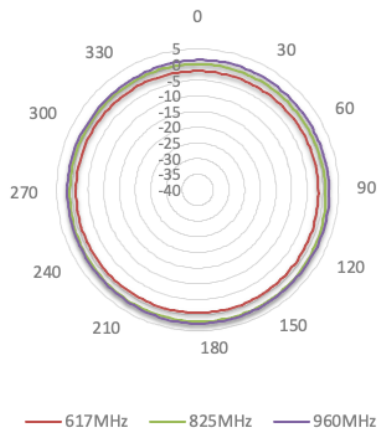


Cellular Antenna Efficiency

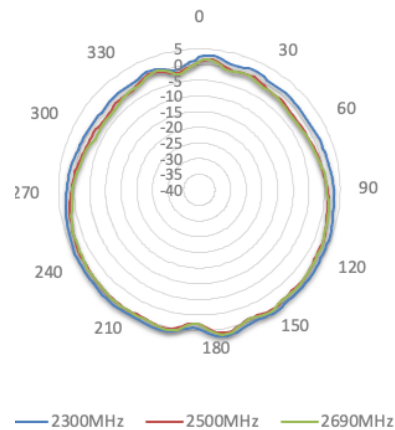


Radiation Patterns (Azimuth)

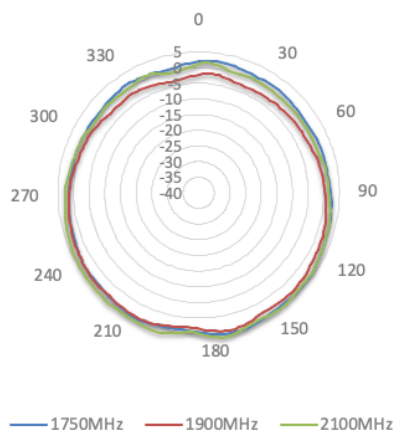
430-960 MHz



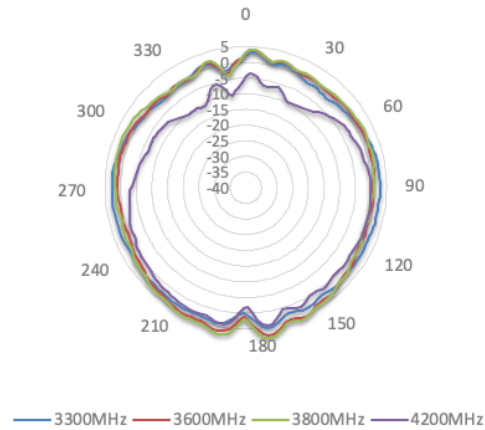
2300-2700 MHz



1710-2100 MHz



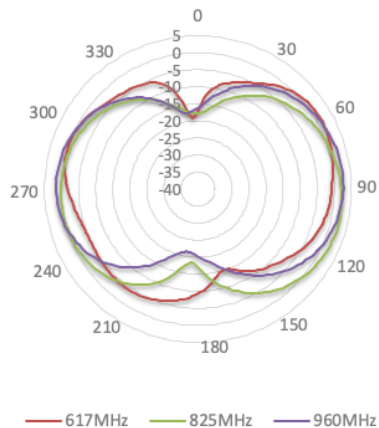
3400-3800 MHz



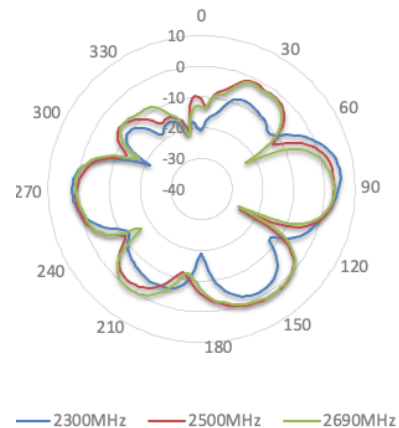
Maritime 10

Radiation Patterns (Elevation 1)

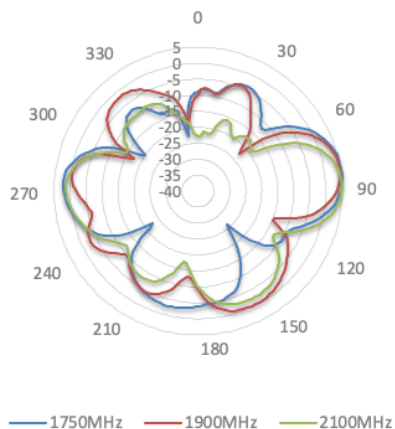
430-960 MHz



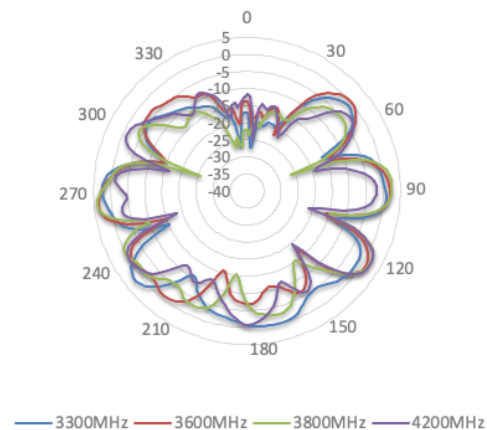
2300-2700 MHz



1710-2100 MHz



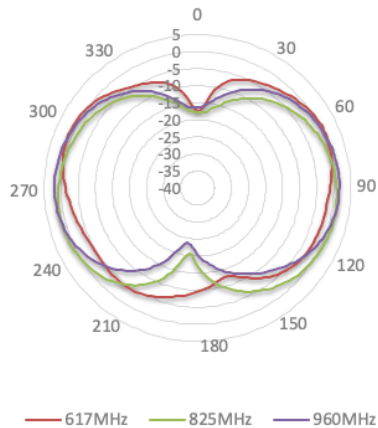
3400-3800 MHz



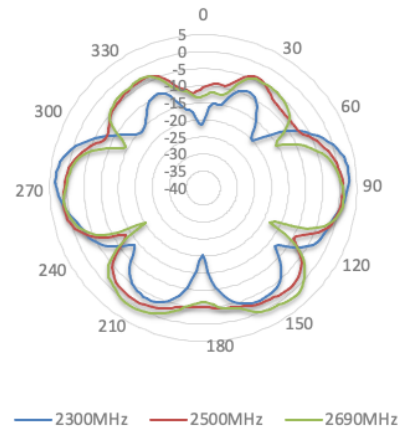
Maritime Antenna 10

Radiation Patterns (Elevation 2)

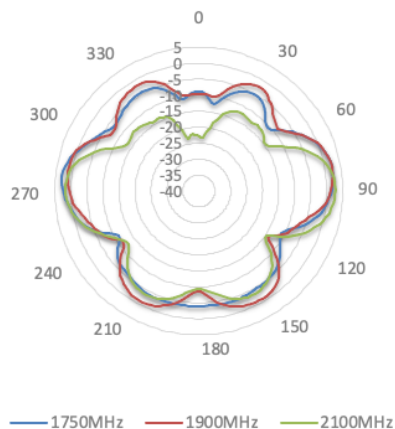
430-960 MHz



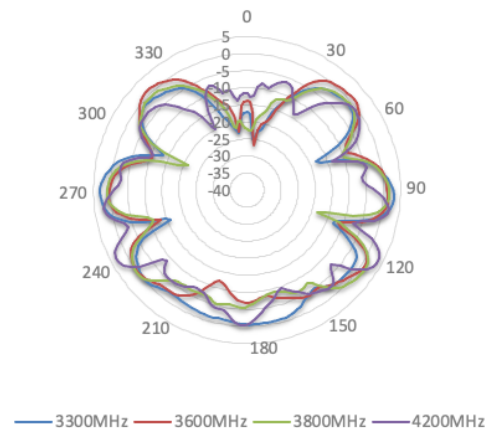
2300-2700 MHz



1710-2100 MHz



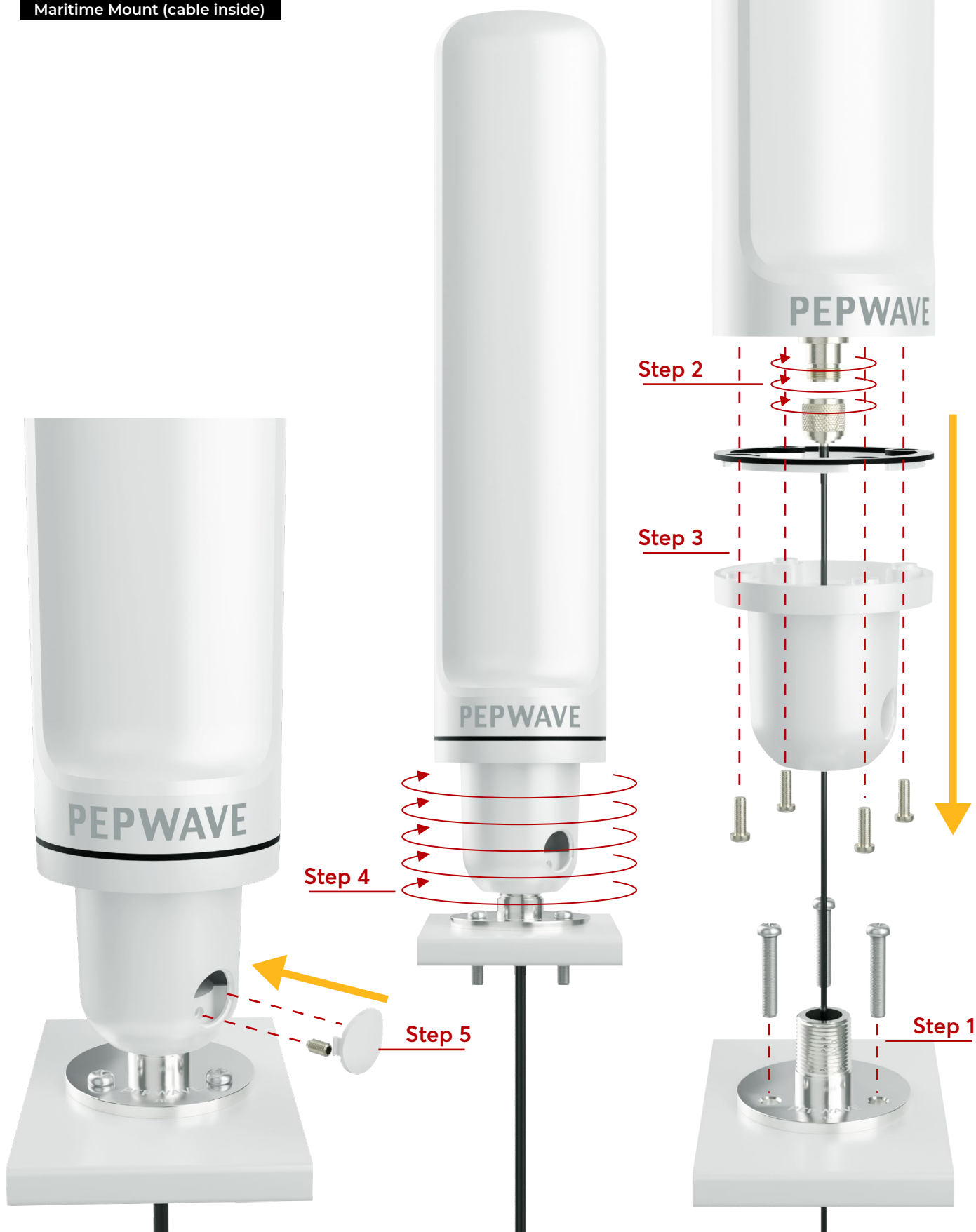
3400-3800 MHz



Maritime Antenna 10

Installation Recommendation

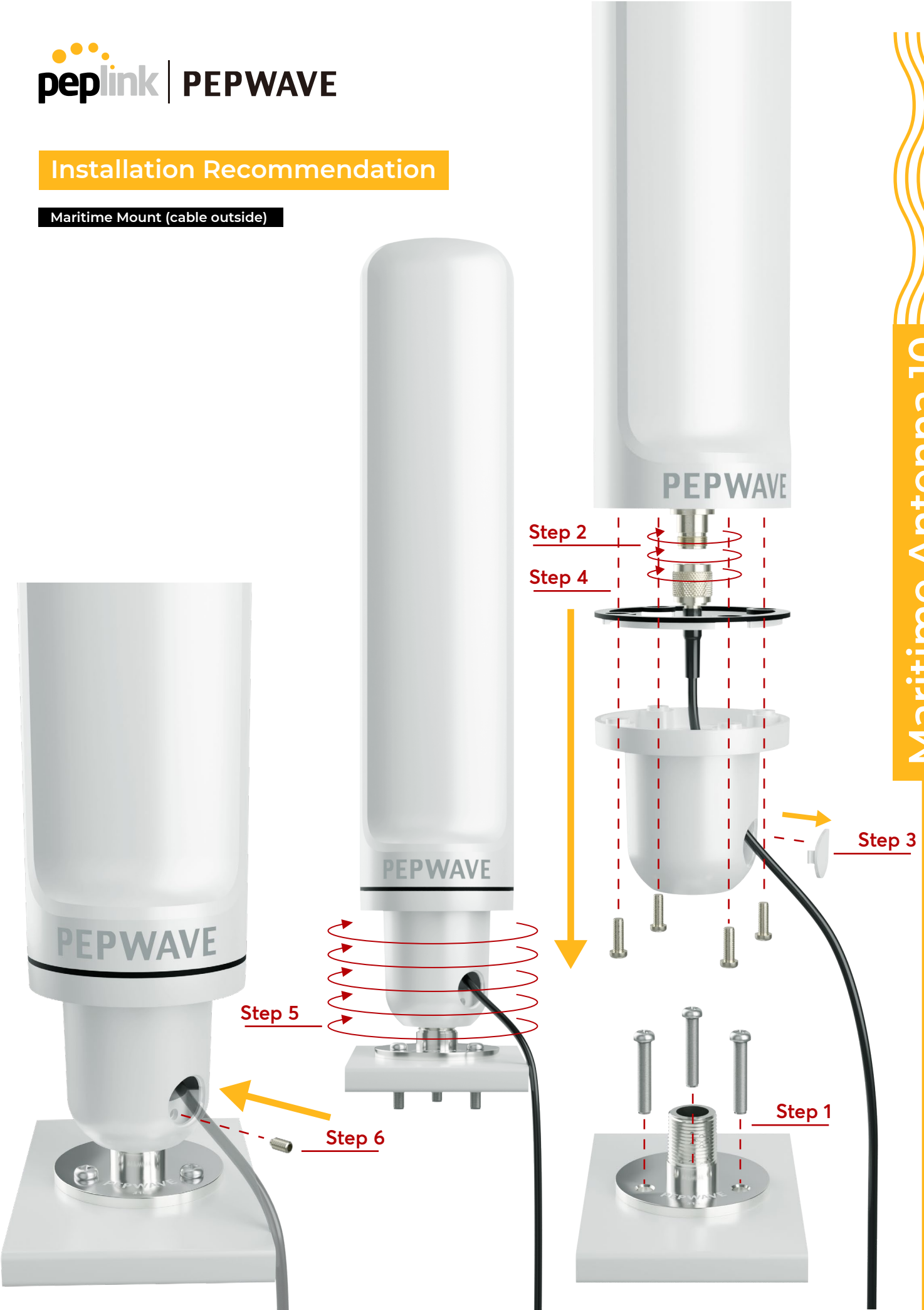
Maritime Mount (cable inside)



Installation Recommendation

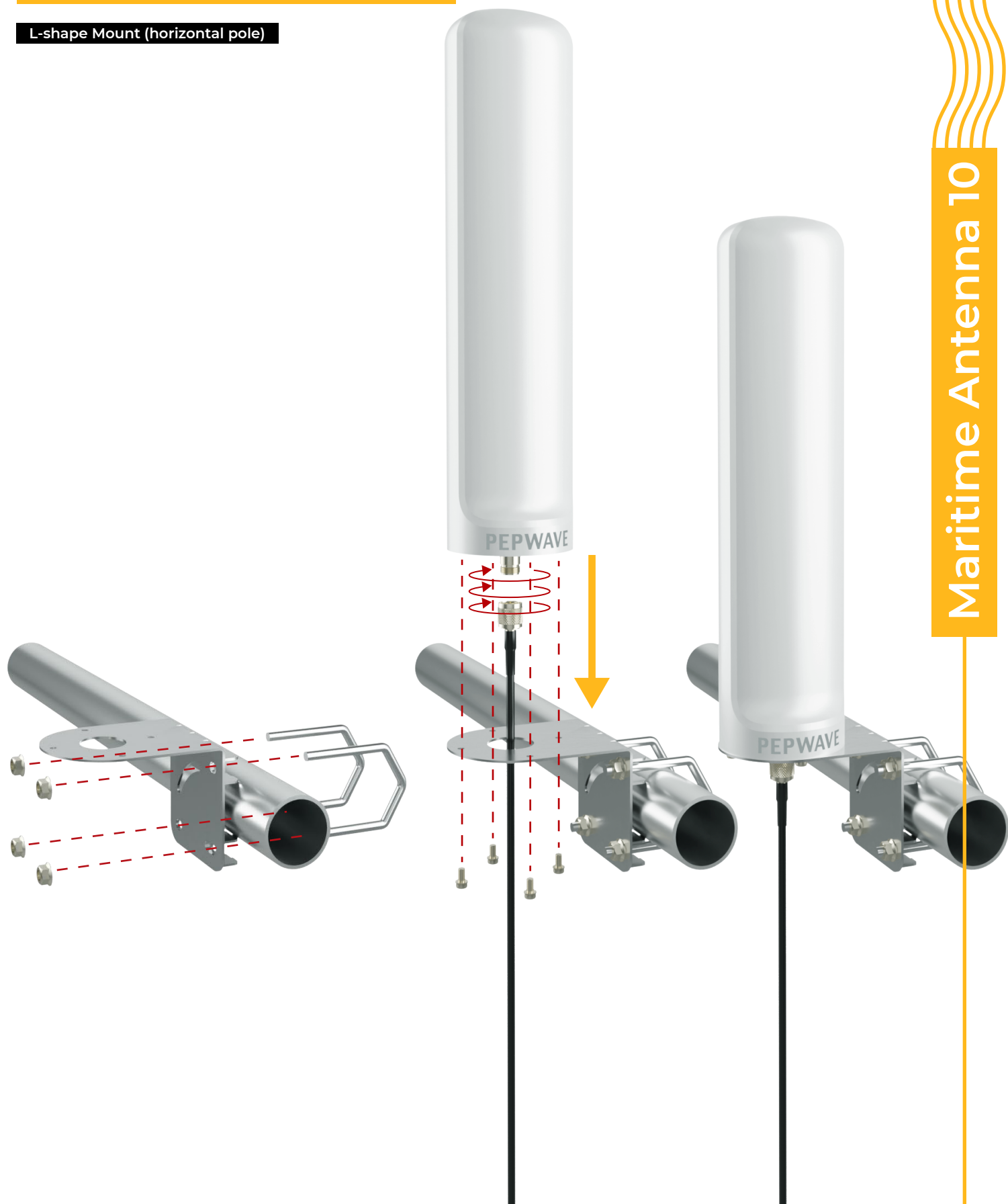
Maritime Mount (cable outside)

Maritime Antenna 10



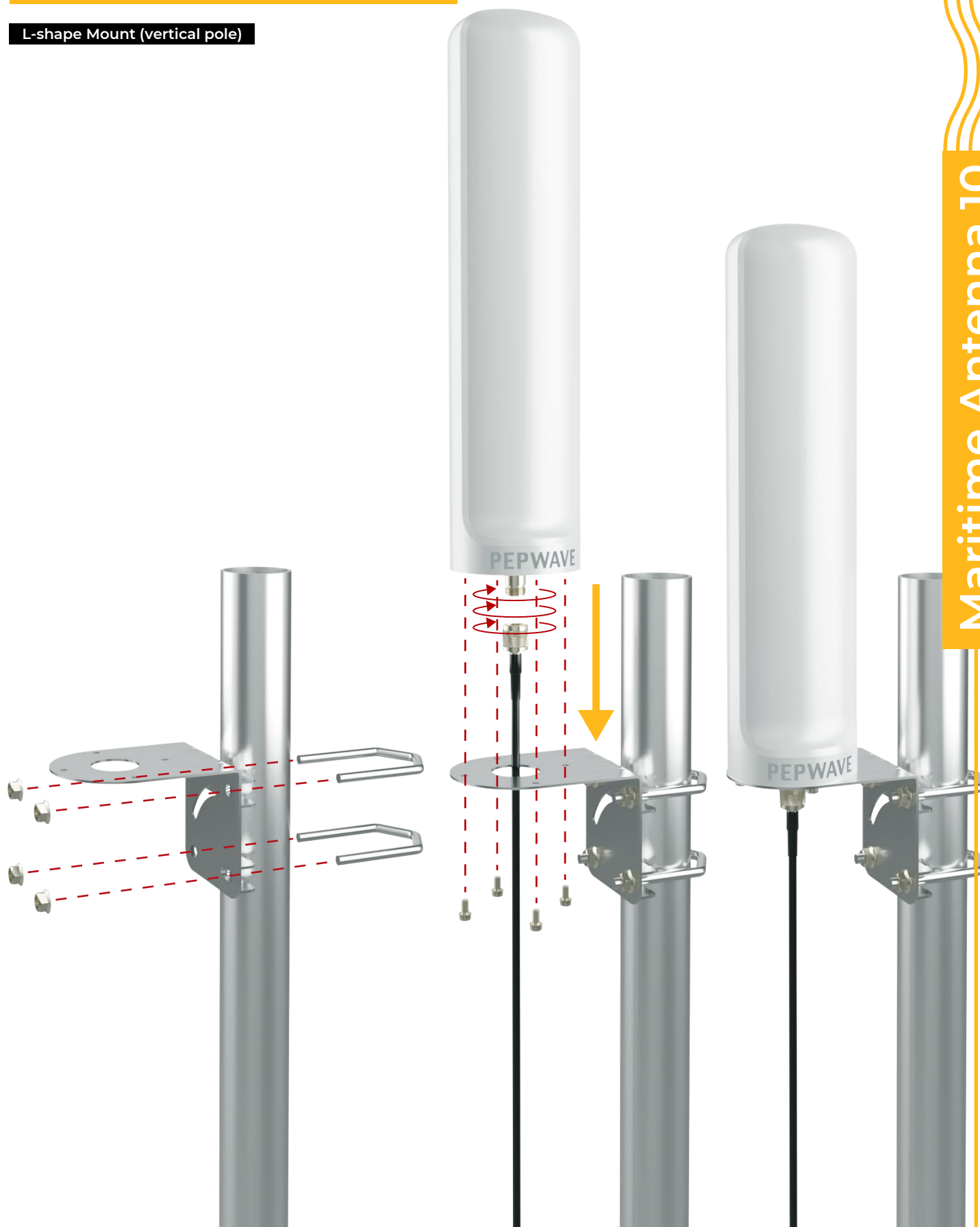
Installation Recommendation

L-shape Mount (horizontal pole)



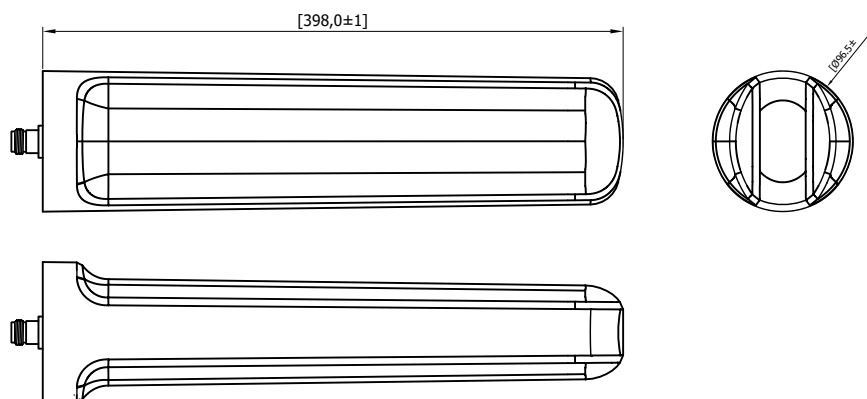
Installation Recommendation

L-shape Mount (vertical pole)

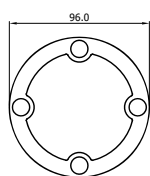


Packing List Information

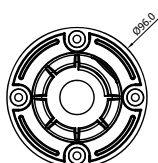
Antenna



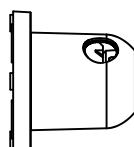
Maritime Mount Set



Rubber gasket



Maritime mount



Maritime mount cable cover

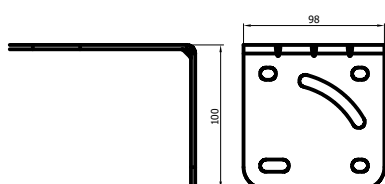


Bolt
(4 pcs, M5*16L)

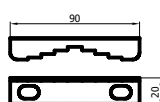


Lock bolt
(1 pcs, M5*9.2L)

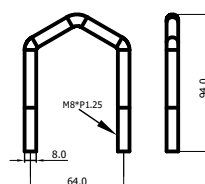
L-Mount Mount Set



L-Mount



Bracket
(2 pcs)



V-Bolt
(2 pcs)



V-Bolt nut
(4 pcs, M8)

Maritime Antenna 10