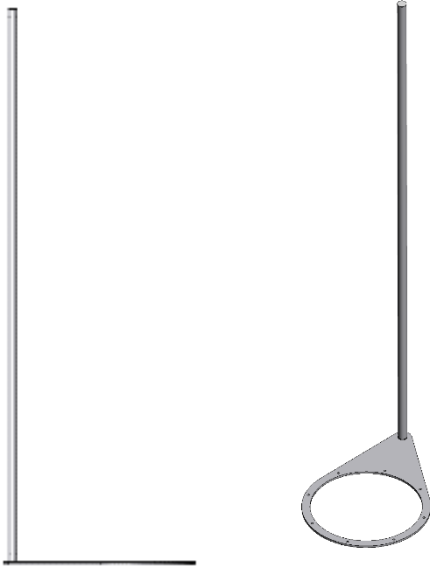


# Lightning Protection Kit

VERSION: 1.0

Product Code: MISC-A0279



**SPECIFICATIONS:**

<b>Product code:</b>	
MISC-A0279	For use with OMNI-A0098
<b>Mechanical:</b>	
Dimensions (h x l x w)	1510 mm x 520 mm x 350 mm
Material	Aluminium
Total mass	< 2.5 kg
Mounting method	Fits between antenna and mast
<b>Environmental: designed to meet the following specifications</b>	
Operating temperature	-40 °C to +65 °C
Storage temperature	-55 °C to +85 °C
Wind velocity (no ice)	180 km/h
Salt fog	Yes. 47 °C with 5% NaCl solution

Disclaimer: The MISC-A0279 is designed with best lightning protection practices in mind, but due to the high Electromagnetic Fields generated by lightning, it cannot be guaranteed that the MISC-A0279 will provide complete protection against damage as a result of lightning strikes.

**PRODUCT DESCRIPTION:**

The MISC-A0279 is a lightning protection kit specifically designed for the OMNI-A0098.

The MISC-A0279 was designed to introduce minimum ripple, while providing sufficient lightning protection.

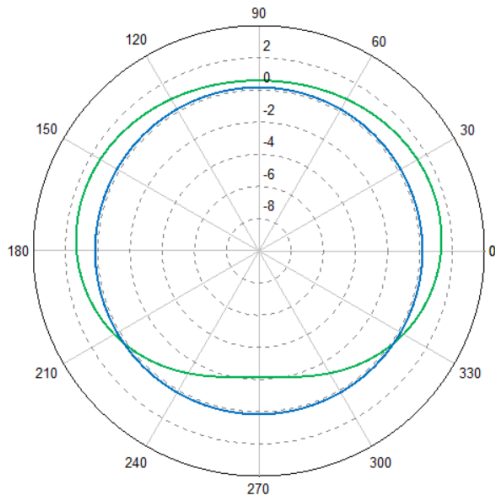
# Lightning Protection Kit

Product Code: MISC-A0279

VERSION: 1.0

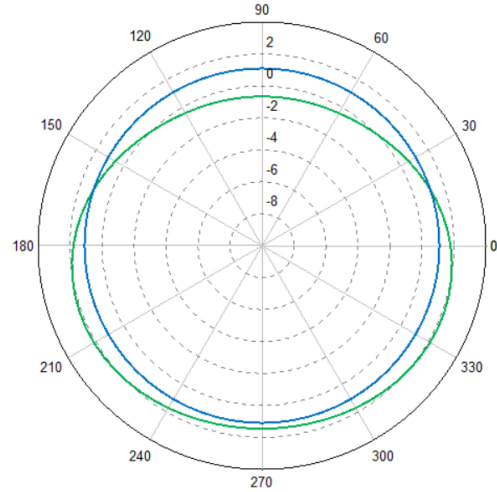
## Radiation patterns:

— OMNI-A0098      — OMNI-A0098 with MISC-A0279



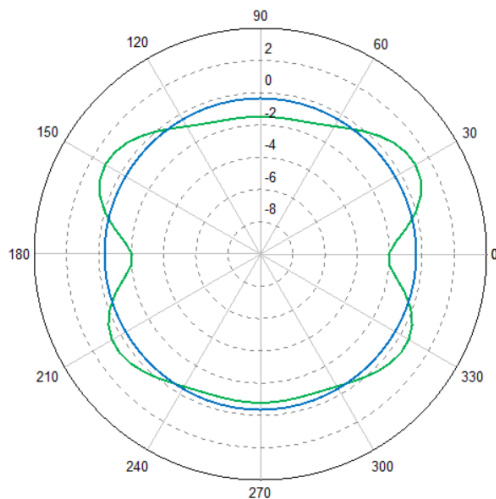
Total Realised gain (Frequency = 0.14 GHz; Theta = 90 deg)

— OMNI-A0098      — OMNI-A0098 with MISC-A0279



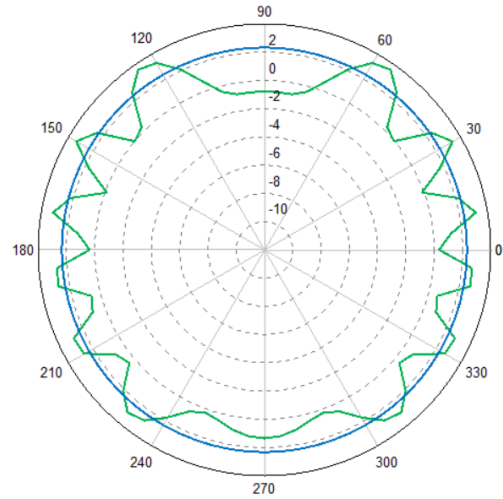
Total Realised gain (Frequency = 0.3 GHz; Theta = 90 deg)

— OMNI-A0098      — OMNI-A0098 with MISC-A0279



Total Realised gain (Frequency = 0.92 GHz; Theta = 90 deg)

— OMNI-A0098      — OMNI-A0098 with MISC-A0279

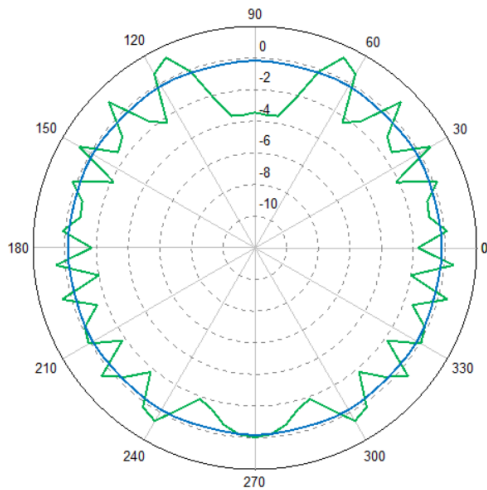


Total Realised gain (Frequency = 3 GHz; Theta = 90 deg)

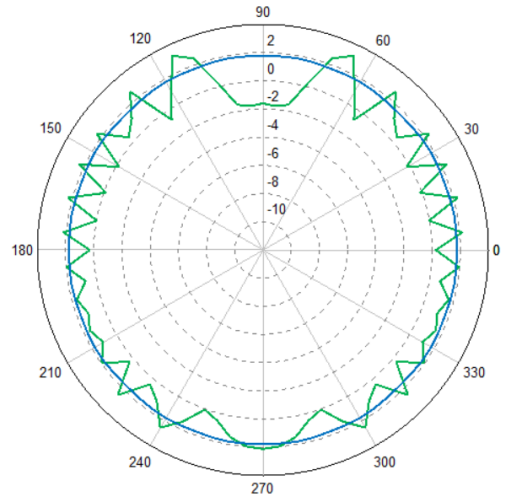
# Lightning Protection Kit

Product Code: MISC-A0279

VERSION: 1.0



Total Realised gain (Frequency = 5 GHz; Theta = 90 deg)



Total Realised gain (Frequency = 6 GHz; Theta = 90 deg)