

# AEKT-N1

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## Antenna Enclosure Kit

- Innovative flexible modular solution enabling suitable sites to be upgraded to 5G capability
- Compatible with a variety of Nokia n78 mMIMO Active Antennas (MAA)
- The module installs directly above an existing, suitable passive antenna to provide the appearance of a single integrated antenna unit – potentially simplifying site zoning approvals
- Installed antenna units can be swapped out on site - e.g. to perform capacity upgrades
- Compatible specifically with antennas featuring CommScope's 498 x 197 mm (WxD) radome housing
- Can be deployed as a standalone solution
- Includes Antenna Enclosure Housing, Installation Kit for compatible Nokia mMIMO Active Antennas (MAA), AEKT-N1 Mounting Hardware, protective "Windshield" Panels and Top Cap
- Contact your Commscope representative for further details. For a list of supported Nokia MAA products, please contact Nokia
- A Mounting Kit for the antenna installed below the AEKT-N1 unit should be ordered separately, Commscope P/N: BSAMNT-AEKT (required when installing the AEKT-N1 module directly on top of an antenna)

## General Specifications

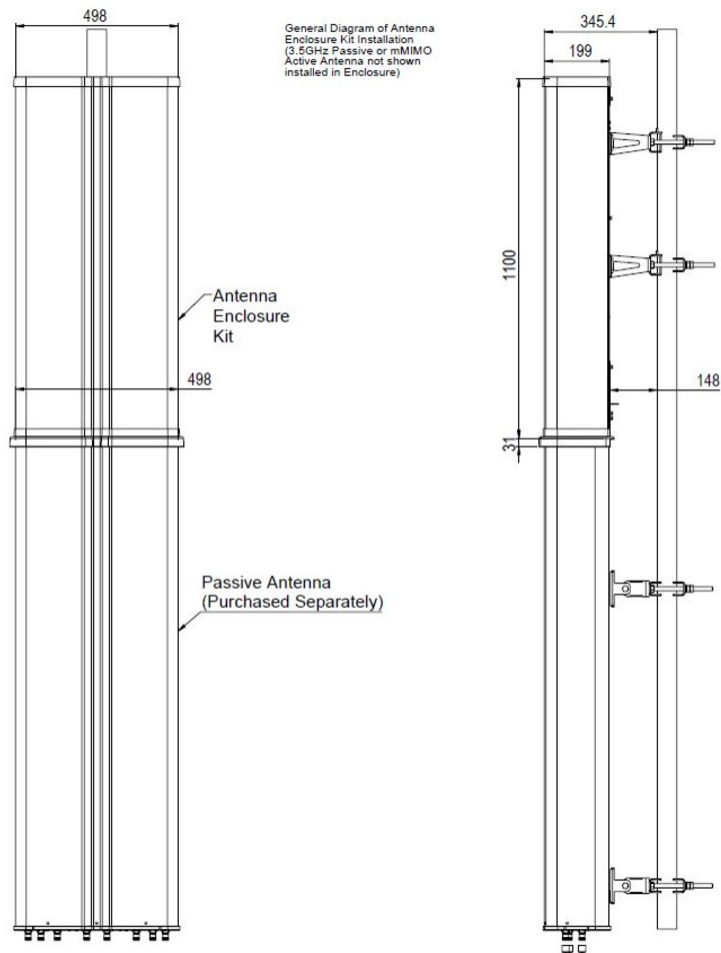
<b>Antenna Type</b>	Antenna enclosure kit
<b>Color</b>	Light Gray (RAL 7035)
<b>Performance Note</b>	Outdoor usage
<b>Radome Material</b>	Fiberglass, UV resistant

## Dimensions

<b>Width</b>	498 mm   19.606 in
<b>Depth</b>	199 mm   7.835 in
<b>Length</b>	1100 mm   43.307 in
<b>Net Weight, without mounting kit</b>	9.29 kg   20.481 lb

## Application Drawing

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## Mechanical Specifications

<b>Wind Loading @ Velocity, frontal</b>	700.0 N @ 150 km/h (157.4 lbf @ 150 km/h)
<b>Wind Loading @ Velocity, lateral</b>	308.0 N @ 150 km/h (69.2 lbf @ 150 km/h)
<b>Wind Loading @ Velocity, rear</b>	700.0 N @ 150 km/h (157.4 lbf @ 150 km/h)
<b>Wind Speed, maximum</b>	241 km/h (150 mph)

## Packaging and Weights

<b>Width, packed</b>	620 mm   24.409 in
<b>Depth, packed</b>	350 mm   13.78 in
<b>Length, packed</b>	1430 mm   56.299 in
<b>Included</b>	Brackets   Hardware

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**Weight, net**

26.49 kg | 58.4 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CE	Compliant with the relevant CE product directives
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## Included Products

- AEKTMNT-N1 – Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members.

## \* Footnotes

**Performance Note** Severe environmental conditions may degrade optimum performance