## **AEKT-N1**



#### 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

Antenna Type Antenna enclosure kit

Color Light Gray (RAL 7035)

Performance Note Outdoor usage

**Radome Material** Fiberglass, UV resistant

#### Dimensions

 Width
 498 mm | 19.606 in

 Depth
 199 mm | 7.835 in

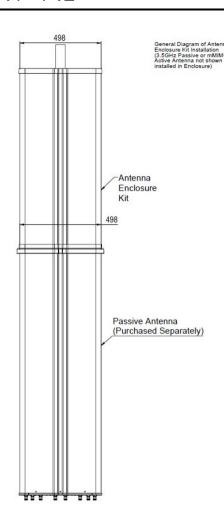
 Length
 1100 mm | 43.307 in

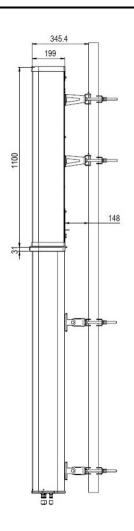
 Net Weight, without mounting kit
 9.29 kg | 20.481 lb

### Application Drawing



# AEKT-N1





## Mechanical Specifications

**Wind Loading @ Velocity, frontal** 700.0 N @ 150 km/h (157.4 lbf @ 150 km/h)

 $\begin{tabular}{ll} \textbf{Wind Loading @ Velocity, lateral} & 308.0 \ N \ @ \ 150 \ km/h \ (69.2 \ lbf \ @ \ 150 \ km/h) \end{tabular}$ 

**Wind Loading @ Velocity, rear** 700.0 N @ 150 km/h (157.4 lbf @ 150 km/h)

Wind Speed, maximum 241 km/h (150 mph)

#### Packaging and Weights

 Width, packed
 620 mm | 24.409 in

 Depth, packed
 350 mm | 13.78 in

 Length, packed
 1430 mm | 56.299 in

 Included
 Brackets | Hardware

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**Weight, net** 26.49 kg | 58.4 lb

### Regulatory Compliance/Certifications

Agency Classification

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 www.commscope.com/ProductCompliance

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

