AEKT-430-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 430 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-430-N1 Mounting Hardware, protective "Windshield" Panels and Top Cap
- A Mounting Kit for the antenna installed below the AEKT-430-N1 unit should be ordered separately, Commscope P/N: BSAMNT-AEKT (required when installing the AEKT-430-N1 module directly on top of an antenna)
- Contact your Commscope representative for further details. For a list of supported Nokia MAA products, please contact Nokia

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

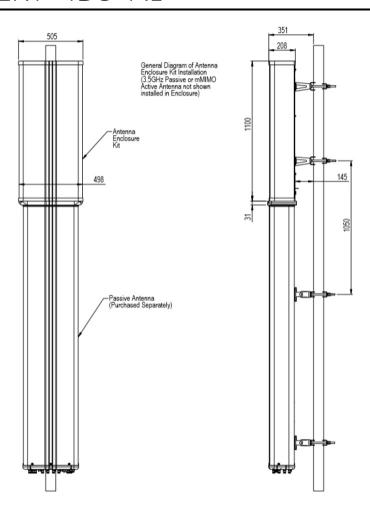
 Length
 1100 mm | 43.307 in

 Net Weight, without mounting kit
 9.29 kg | 20.481 lb

Application Drawing



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Mechanical Specifications

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

 $\textbf{Wind Loading @ Velocity, lateral} \qquad \qquad 308.0 \text{ N} \textcircled{@} 150 \text{ km/h} \text{ (69.2 lbf } \textcircled{@} 150 \text{ km/h)}$

 $\begin{tabular}{ll} \textbf{Wind Loading @ Velocity, maximum} & 1,385.0 \ N \ @ \ 150 \ km/h \ (311.4 \ lbf \ @ \ 150 \ km/h) \end{tabular}$

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

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 Weight, gross
 26.49 kg | 58.4 lb

 Weight, net
 20.2 kg | 44.533 lb

Regulatory Compliance/Certifications

Agency Classification

CE Compliant with the relevant CE product directives

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

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* Footnotes

Performance Note Severe environmental conditions may degrade optimum performance

