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

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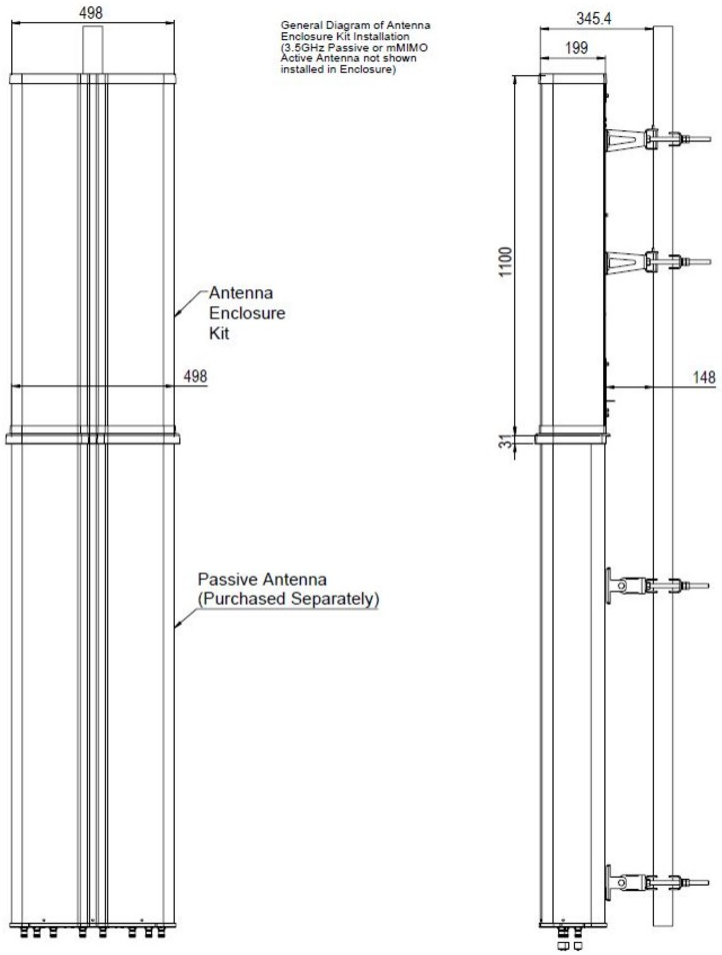

Mechanical Specifications

Wind Loading @ Velocity, frontal	700.0 N @ 150 km/h (157.4 lbf @ 150 km/h)
Wind Loading @ Velocity, lateral	308.0 N @ 150 km/h (69.2 lbf @ 150 km/h)
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

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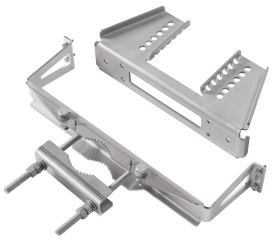

Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members.

- Required for installing a CommScope AEKT-N1 Antenna Enclosure Kit
- Includes 2 sets of brackets and clamps to mount AEKT-N1 to a suitable round member / pole
- Includes 2 sets of brackets to install a compatible Nokia mMIMO Active Antenna (MAA) in the AEKT-N1 Antenna Enclosure

Product Classification

Product Type	Pipe mounting kit

Dimensions

Weight, net	8.8 kg | 19.401 lb

Packaging and Weights

Packaging quantity	1
Weight, gross	9.4 kg | 20.723 lb

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