

# AEKT-E1

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## Antenna Enclosure Kit

- Innovative flexible modular solution enabling suitable sites to be upgraded to 5G capability
- 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
- Compatible with certain specific Ericsson Active Antenna System Products (AAS)
- Includes Antenna Enclosure Housing, Installation Kit for compatible Ericsson mMIMO Active Antenna (AAS), AEKT-E1 Mounting Hardware, protective "Windshield" Panels and Top Cap
- A Mounting Kit for the antenna installed below the AEKT-E1 unit should be ordered separately, Commscope P/N: BSAMNT-AEKT (required when installing the AEKT-E1 module directly on top of an antenna)
- Contact your CommScope representative for further details

## General Specifications

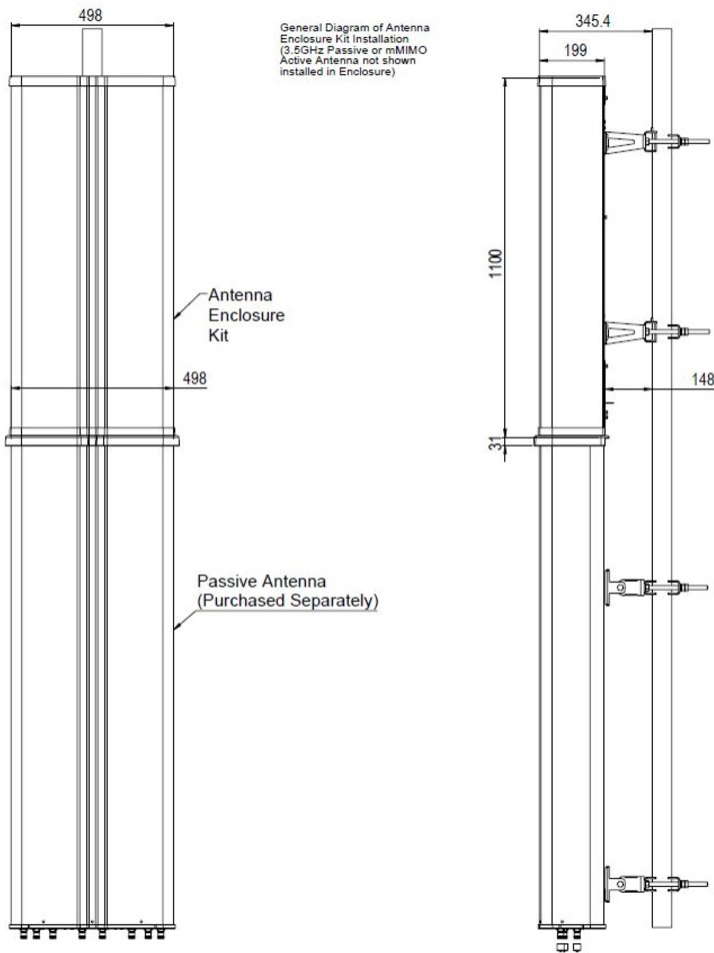
<b>Antenna Type</b>	Antenna enclosure kit
<b>Color</b>	Light Gray (RAL 7035)
<b>Performance Note</b>	Outdoor usage
<b>Radome Material</b>	Fiberglass, UV resistant

## 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>Effective Projective Area (EPA), frontal</b>	0.66 m <sup>2</sup>   7.104 ft <sup>2</sup>
<b>Effective Projective Area (EPA), lateral</b>	0.29 m <sup>2</sup>   3.122 ft <sup>2</sup>
<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

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<b>Length, packed</b>	1430 mm   56.299 in
<b>Included</b>	Brackets   Hardware
<b>Weight, gross</b>	25.94 kg   57.188 lb
<b>Weight, net</b>	19.65 kg   43.321 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

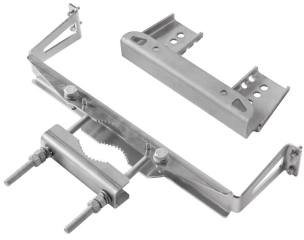
- AEKTMNT-E1 – Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members.

## \* Footnotes

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

# AEKTMNT-E1

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

## Product Classification

**Product Type** Pipe mounting kit

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant
UK-ROHS	Compliant

