

AEKT-E1



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

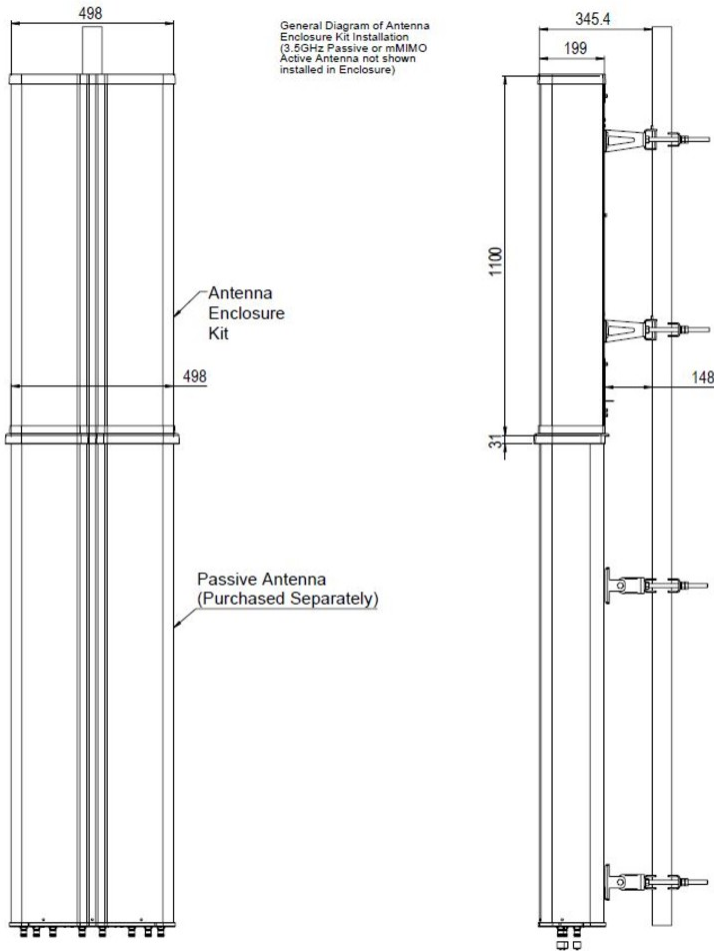
| | |
|-------------------------|--------------------------|
| Antenna Type | Antenna enclosure kit |
| Color | Light Gray (RAL 7035) |
| Performance Note | Outdoor usage |
| Radome Material | Fiberglass, UV resistant |

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-E1



Mechanical Specifications

| | |
|---|---|
| Effective Projective Area (EPA), frontal | 0.66 m ² 7.104 ft ² |
| Effective Projective Area (EPA), lateral | 0.29 m ² 3.122 ft ² |
| 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

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|----------------------|--------------------|
| Width, packed | 620 mm 24.409 in |
| Depth, packed | 350 mm 13.78 in |

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| | |
|-----------------------|----------------------|
| Length, packed | 1430 mm 56.299 in |
| Included | Brackets Hardware |
| Weight, gross | 25.94 kg 57.188 lb |
| Weight, net | 19.65 kg 43.321 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 |



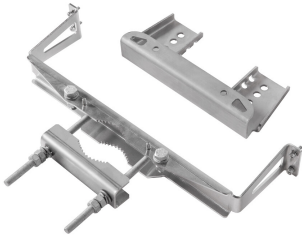
Included Products

- AEKTMNT-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



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

Product Classification

Product Type Pipe mounting kit

Regulatory Compliance/Certifications

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