

Antenna Enclosure Kit

- Innovative flexible modular solution enabling suitable sites to be upgraded to 5G capability
- A selection of 3.5GHz Passive or Active mMIMO antennas are compatible and easily installed in the AEKT module
- 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 CommScope 3.5GHz Antenna (Types S4-90M-R1-V2, S4-90M-R1-V3 or S4-90M-R1-V4), AEKT Mounting Hardware, protective "Windshield" Panels and Top Cap
- Installation Kit for suitable mMIMO Active Antennas to be ordered separately when required
- A Mounting Kit for the antenna installed below the AEKT unit should be ordered separately, Commscope P/N: BSAMNT-AEKT (required when installing the AEKT 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

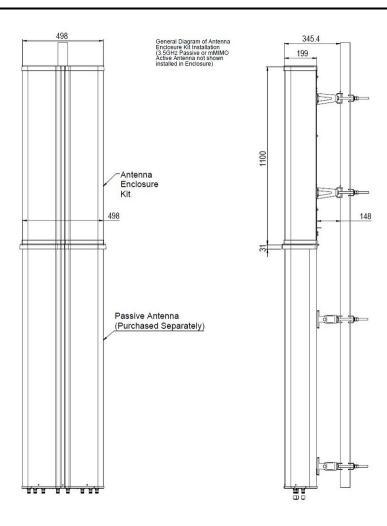
Length 1100 mm | 43.307 in

Net Weight, without mounting kit 9.29 kg | 20.481 lb

Application Drawing



AEKT



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)

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

 Weight, gross
 25.46 kg | 56.13 lb

Page 2 of 3

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Weight, net 19.17 kg | 42.263 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



Included Products

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

members

* Footnotes

Performance Note Severe environmental conditions may degrade optimum performance

