



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

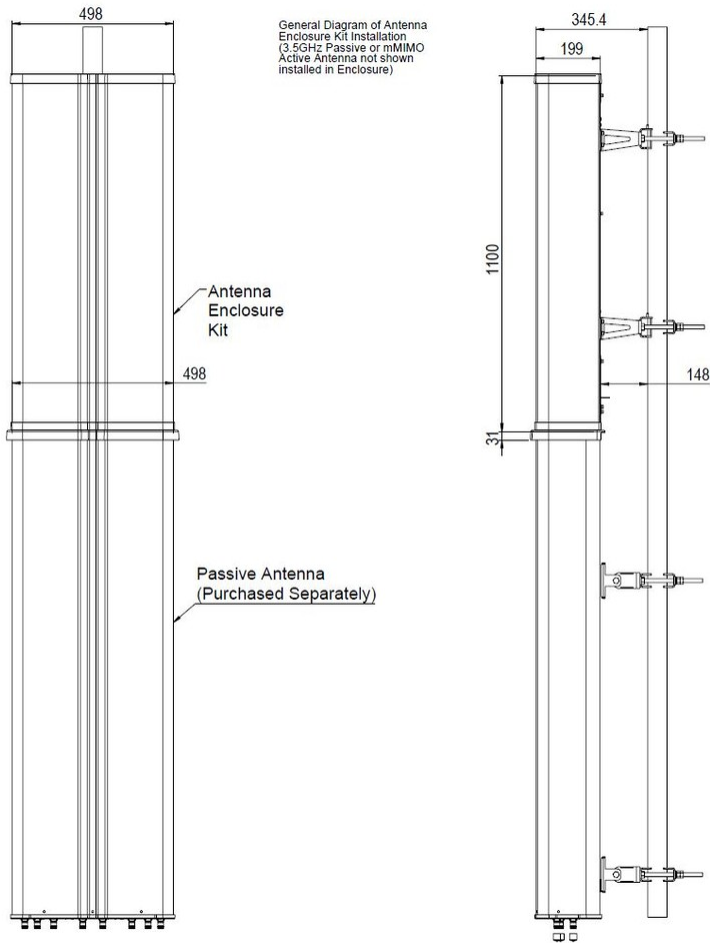
Antenna Type	Antenna enclosure kit
Color	Light Gray (RAL 7035)
Performance Note	Outdoor usage
Radome Material	Fiberglass, UV resistant

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

AEKT

Weight, net

19.17 kg | 42.263 lb

Regulatory Compliance/Certifications

Agency

CE
ISO 9001:2015

Classification

Compliant with the relevant CE product directives
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

AEKTMNT



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

- Kit contains two mounting bracket sets for round members and two brackets to install antenna types S4-90M-R1-V2, S4-90M-R1-V3 or S4-90M-R1-V4 inside the AEKT module

Product Classification

Product Type Pipe mounting kit

General Specifications

Application Outdoor

Color Silver

Dimensions

Compatible Diameter, maximum 114.3 mm | 4.5 in

Compatible Diameter, minimum 61 mm | 2.402 in

Weight, net 9.3 kg | 20.503 lb

Material Specifications

Material Type Galvanized steel

Packaging and Weights

Included Brackets | Hardware

Packaging quantity 1

Regulatory Compliance/Certifications

Agency	Classification
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

