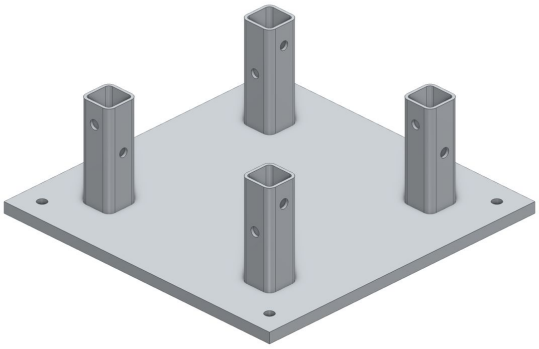
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AML500 Base Plate - Socket (Takes a Node or a Module)

AP-AML500-BP-SK



Key Features

- Fixes an AML500 leg or tower to a concrete footing
- Socket base takes a node or a module; spigot base takes a module
- 25 mm 5083 aluminium plate, 700 mm square
- Four M20 anchor holes on a 600 mm square
- Joint 250 mm above the footing on both bases

Overview

AML500 base plates fix the foot of an AML500 leg or tower to a concrete footing. Each is a 700 mm square, 25 mm 5083 aluminium plate with four 76.2 x 6.35 mm SHS chord stubs welded on, their tops machined as a module end with the same taper-reamed holes. Four Ø22 mm holes at the corners, on a 600 mm square, take M20 anchors (supplied by others), and a drain hole under each stub lets water out.

The socket base (AP-AML500-BP-SK) takes a node directly, bolted with an AP-AML500-JK-MN joint kit, or a module, joined with an AP-AML500-JK-MM kit as at a module joint. The spigot base (AP-AML500-BP-SP) comes with four joint spigots fitted and bolted in its stubs, so a module slides straight on and bolts up with an AP-AML500-JK-MN kit. Both put the joint 250 mm above the footing, so the lattice in the leg stays on the 500 mm grid from the ground up.

Anchors and footings are engineered for each project.

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Specification

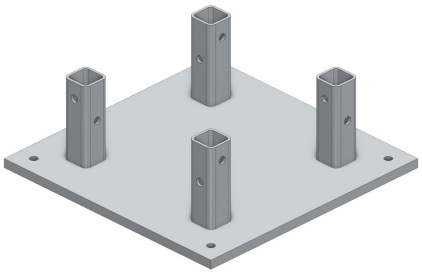
Parameter	AP-AML500-BP-SK
Physical Specification	
System	**AML500**
Subtype	**Interface Bracket**
Materials	**Aluminium**
Mounting	**Anchor Bolts**
Dimensions	**700 × 700 × 250 mm**
Weight	**36.8 kg**
Interfaces	
Installation / Attachment	**Quantity** | **Mounting** | **Notes** 4 | Anchor Bolts | Four M20 anchors on a 600 mm square into a concrete footing (by others)
Available Interfaces	**Quantity** | **Interfaces** | **Notes** 1 | AML500 Spigot Joint | A node's fixed spigots (AP-AML500-JK-MN kit) or a module with loose spigots (AP-AML500-JK-MM kit)

Subcomponents

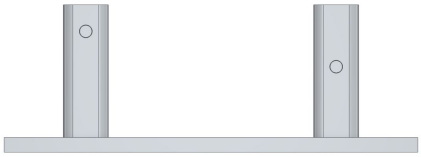
Quantity	Item	Materials	Material Finish
1	25 mm Base Plate, 700 mm Square, 4 Anchor Holes, 4 Drain Holes	Aluminium 5083-H116	Mill Finish
4	76.2x6.35 SHS Chord Stubs, Machined and Taper-Reamed as a Module End	Aluminium 6061-T6	Mill Finish

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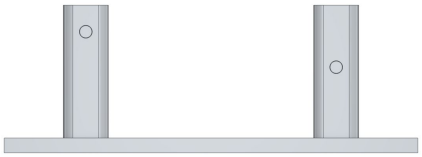
Views



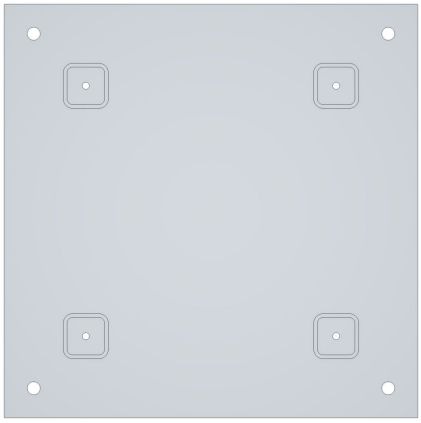
Isometric



Front



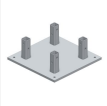
Side



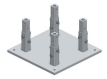
Top

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Variants



AML500 Base Plate - Socket (Takes a Node or a Module)
AP-AML500-BP-SK · this datasheet



AML500 Base Plate - Spigot (Takes a Module)
AP-AML500-BP-SP

Australian designed and manufactured infrastructure for public safety and first response, built on the Sunshine Coast, Queensland. Need a variation on this design? Our team can engineer it to suit your site.

Contact us

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Specifications, dimensions and weights are nominal, correct at the date of issue and subject to change without notice. Images are for illustration and may show optional equipment. Confirm suitability for your site, including wind region and mounting surface, with APAC before ordering, and install in accordance with APAC's instructions and the relevant Australian Standards.

Issued 11 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/base-plates-interfaces/aml500-base-plate-socket-spigot?v=801

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