APAC Infrastructure Pty Ltd
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AL220 Aluminium Modular Lattice Tower - 3.1m Section

AP-AL220-LM



Key Features

- Ultra lightweight fully engineered design
- 220 mm wide body
- 3100 mm modular lengths
- Low maintenance aluminium construction

Overview

The AL220 Lattice Module is necessary to build any of our AL220 series towers. For guyed towers, one or more of these modules are stacked on top of a Base Module (AP-AL220-BM) to form a tower of the required height. The same module is used to create small freestanding towers by attaching to a hinging base plate, and also attaching to skids and other deployable communications platforms.

APAC's AL220 aluminium lattice modules feature three upright legs made from 40x3 Round Tube with 25x3 Round Tube bracing welded in between by certified boom welders, providing incredible strength while retaining a lightweight design. Each module is chemically cleaned and treated by hand, producing a brilliant finish. AL220 series towers have a nominal 220 mm face width (180 mm centre-to-centre).

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Specification

Parameter	AP-AL220-LM
Physical Specifications	
System	**AL220**
Subtype	**Erexures**
Height (Nominal)	**3.1 m**
Materials	**Aluminium**
Material Finish	**Bright/Pickled Finish**
Weight	**12 kg**
Mounting	**AL220 Bolt Pattern**
Interfaces	
Installation / Attachment	Quantity: 1 · Mounting: AL220 Bolt Pattern · Notes: Requires other AL220 system components
Payload Interfaces	3 × Pole 40 mm ⌀ — For attaching ordinary equipment 1 × AL220 Bolt Pattern — For attaching additional AL220 series modules/headframes 1 × AL220 Triangular Uprights — For attaching AL220-specific brackets

Subcomponents

Quantity	Item	Materials	Material Finish
1	Welded Assembly, 40x3 mm Tube Uprights, 25x3 mm Tube Braces	Aluminium 6005-T5	Bright/Pickled Finish

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/mounting-structures/al220-aluminium-modular-lattice-tower-31m-section?v=332

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