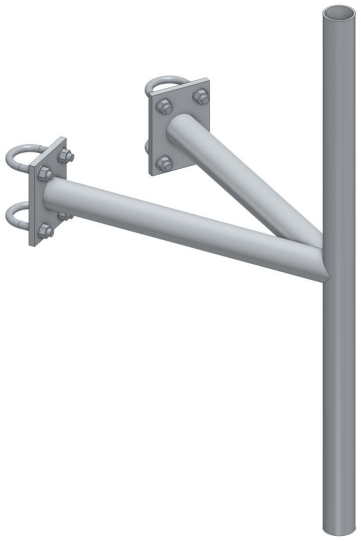
APAC Infrastructure Pty Ltd
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Single Frame Standoff Mount for AL340 Towers

AP-AL340-SOMSF



Key Features

- Clamps to AL220/AL340 towers with supplied U-bolts
- Low maintenance 50 mm alloy tube construction
- Heavy duty 10 mm interface plates
- Fully customisable, built to specification

Overview

Standoff mounts such as this U-bolted frame are designed to position antennas, CCTV cameras, sensors, and other equipment away from the primary aluminium tower structure. Standoff frames have two arms positioned horizontally connecting to one or more uprights. They're also known as stand-off or offset frames. We design and fabricate these mounts locally in Sunshine Coast, Queensland alongside our aluminium tower products, allowing us to build to your requested dimensions.

This mount is constructed from 50 mm O/D structural grade aluminium tube with a bright acid finish. The standard design is a 900 mm upright with two 500 mm horizontal arms providing the offset. Frame mounts provide superior vibration resistance and horizontal deflection over single arm mounts. These are suitable to an offset distance up to about 1000 mm before additional stiffening is required, depending on the payload sail area.

This alloy series is dimensioned to match the AL220 and AL340 tower series, with 50 mm U-bolts for the AL340's chords and 40 mm U-bolts for the AL220's. We can of course fabricate to your requirements.

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Specification

Parameter	AP-AL340-SOMSF
Physical Specification	
System	**AL340**
Subtype	**Stand-Off Mount**
Materials	**Aluminium**
Material Finish	**Bright/Pickled Finish**
Mounting	**AL340 Triangular Uprights**
Dimensions	**578 × 382 × 900 mm**
Weight	**3.8 kg**
Interfaces	

Installation / Attachment

Quantity	Mounting	Notes
1	AL340 Triangular Uprights	Attaches to any side of the AL340 tower

Available Interfaces

Quantity	Interfaces	Notes
1	Pole 50 mm ⌀	For clamping ordinary equipment
1	Pole Spigot, 50 mm ⌀ OD	For slotting equipment over the top of the pole end

Subcomponents

Quantity	Item	Materials	Material Finish
1	Welded Assembly, 50x3 mm Tube to 10 mm Plate	Aluminium 6005-T5	Bright/Pickled Finish

Quantity	Bundled Components
4	U-Bolt, 50 mm Rounded, 100 mm Long (AP-FST-UB50-100)

Variants

	Single Frame Standoff Mount for AL340 Towers AP-AL340-SOMSF · this datasheet
	Single Frame Standoff Mount for AL220 Towers AP-AL220-SOMSF

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 12 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/bracketry/single-frame-standoff-mount-al220al340-towers?v=618

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