APAC Infrastructure Pty Ltd
ABN: 43 615 637 235
1300 952 788
sales@apacinfrastructure.com.au

AL220 Torque Arm - Anti-Twist Kit for 3.4m Guyed Towers

AP-AL220-TAA-3.4



Key Features

- Choose length to match tower mounting height
- Up to six-way guying
- Bolt-together aluminium design
- Increases torsional resistance on AL220 guyed towers

Overview

Anti-twist torque arm assemblies are used to provide up to six-way guying to increase torsional resistance on towers that have azimuth/bearing-sensitive equipment mounted - microwave/mmWave antennas, surveillance cameras, environmental sensors, etc.

Attaches to standard APAC AL220 aluminium lattice towers at any section by three heavy duty U-bolt clamps (not pictured). This system has been designed specifically to match APAC AL220 ground and roof mounted aluminium lattice towers (220 mm faced, 40 x 3 mm round tube).

These kits includes the following:

- **6 x 6mm Wire Rope Lengths:** These wire ropes provide the necessary tensile strength to brace the tower effectively. Galvanised as standard, stainless steel option offers enhanced corrosion resistance and longevity in coastal environments.
- **12 x Thimbles:** Used to protect the wire rope from wear and tear at connection points. They help maintain the rope's shape and prevent damage caused by friction.
- **6 x M12 Turnbuckles:** Adjustable devices that allow for tension adjustment in the guy wires, ensuring optimal tension settings and stability of the tower.
- **36 x Wire Rope Grips:** Also known as cable clamps, these grips securely fasten the wire rope sections. They ensure a firm hold of the wire, preventing slippage.
- **6 x M12 D-Shackles:** These connectors are used to attach the guy wires to anchor points on the tower and mounting surface/structure.

Choose a kit from the dropdown below to match your intended mounting height/max tower height.

APAC Infrastructure Pty Ltd
ABN: 43 615 637 235
1300 952 788
sales@apacinfrastructure.com.au

Specification

Parameter	AP-AL220-TAA-3.4
Physical Specification	
System	**AL220**
Subtype	**Attachment**
Materials	**Aluminium** **Steel**
Mounting	**AL220 Triangular Uprights**
Interfaces	
Installation / Attachment	

Quantity	Mounting	Notes
1	AL220 Triangular Uprights	U-Bolts clamp around AL220 uprights
6		Attaches to Structure Anchor Points (not supplied)

Subcomponents

Quantity	Bundled Components
1	AL220 Torque Arm - Anti-Twist for Guyed Towers (AP-AL220-TA)
6	Wire Rope 7x19 - 6 mm Galvanised, 10 m Length (AP-FST-WR716-6-10)
12	Wire Rope Thimble - Galvanised Steel, 6 mm (AP-FST-TH-6)
6	Turnbuckle with D-Shackles - Galvanised, M12 (AP-FST-TBDS-12)
36	Wire Rope Grip - Galvanised, 6mm Wire (AP-FST-WRG-6)
6	D-Shackle With Bolt & Split Pin - Galvanised, M12 (AP-FST-DSH-12)

APAC Infrastructure Pty Ltd
ABN: 43 615 637 235
1300 952 788
sales@apacinfrastructure.com.au

Variants

AL220 Torque Arm - Anti-Twist Kit for 3.4m Guyed Towers AP-AL220-TAA-3.4 · this datasheet	
AL220 Torque Arm - Anti-Twist Kit for 6.5m Guyed Towers AP-AL220-TAA-6.5	
AL220 Torque Arm - Anti-Twist Kit for 9.6m Guyed Towers AP-AL220-TAA-9.6	
AL220 Torque Arm - Anti-Twist Kit for 12.7m Guyed Towers AP-AL220-TAA-12.7	
AL220 Torque Arm - Anti-Twist Kit for 15.8m Guyed Towers AP-AL220-TAA-15.8	
AL220 Torque Arm - Anti-Twist Kit for 18.9m Guyed Towers AP-AL220-TAA-18.9	
AL220 Torque Arm - Anti-Twist Kit for 22m Guyed Towers AP-AL220-TAA-22.0	
AL220 Torque Arm - Anti-Twist Kit for 25.1m Guyed Towers AP-AL220-TAA-25.1	
AL220 Torque Arm - Anti-Twist Kit for 28.2m Guyed Towers AP-AL220-TAA-28.2	
AL220 Torque Arm - Stainless Anti-Twist Kit for 3.4m Guyed Towers AP-AL220-TAA-SS-3.4	
AL220 Torque Arm - Stainless Anti-Twist Kit for 6.5m Guyed Towers AP-AL220-TAA-SS-6.5	
AL220 Torque Arm - Stainless Anti-Twist Kit for 9.6m Guyed Towers AP-AL220-TAA-SS-9.6	
AL220 Torque Arm - Stainless Anti-Twist Kit for 12.7m Guyed Towers AP-AL220-TAA-SS-12.7	
AL220 Torque Arm - Stainless Anti-Twist Kit for 15.8m Guyed Towers AP-AL220-TAA-SS-15.8	
AL220 Torque Arm - Stainless Anti-Twist Kit for 18.9m Guyed Towers AP-AL220-TAA-SS-18.9	
AL220 Torque Arm - Stainless Anti-Twist Kit for 22m Guyed Towers AP-AL220-TAA-SS-22.0	
AL220 Torque Arm - Stainless Anti-Twist Kit for 25.1m Guyed Towers AP-AL220-TAA-SS-25.1	
AL220 Torque Arm - Stainless Anti-Twist Kit for 28.2m Guyed Towers AP-AL220-TAA-SS-28.2	

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

Phone	1300 952 788
Email	sales@apacinfrastructure.com.au
Web	apacinfrastructure.com.au
ABN	43 615 637 235

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/supports-stabilisers/al220-torque-arm-guy-wire-kit-anti-twist-guyed-towers?v=508

© 2026 APAC Infrastructure Pty Ltd. All rights reserved.