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

APAC GC48H Collared Hinged Roof Mast, 48mm Pole, 3m

AP-RM-GC48H-3



Key Features

- Hinged for easy equipment installation and servicing
- Galvanised 48 mm (OD) pole, 3 metre height
- Collared design with three heavy duty foot plates
- Sliding collar with set-screw locking attachment
- Part of the GC48 Mast & Accessories System

Overview

APAC's GC48 range of galvanised steel roof masts have been developed to satisfy the need for a durable, low deflection mounting platform that resists even the most intense of weather conditions. These metal roof masts can be used for any pole-mounted device under the sun; microwave dishes, weather monitoring, CCTV, solar panels, radio transmitters, data acquisition, GPS, and surveying equipment.

The GC48 series' collared design incorporates two sliding collars allowing stay bars to be attached to the centre mast without invalidating engineering certification by drilling new holes to vary the stay bar pitch angle. This design is safe, fast, and heavy duty, and is available in a range of different heights. The footplate has a hinged design allowing pitch compensation for standard corrugated iron and tin roofs.

GC48H is a subseries of the traditional GC48 mast, which includes a hinging top section to allow access to the top of the pole without climbing ladders or foot pegs - minimising safety hazards. The mast is raised and lowered with the use of two high tensile M10 bolts, one as the hinge point, and second to lock the mast in place.

Designed and built by APAC in the Sunshine Coast, Australia, you can expect uncompromising standards and a robust, real-world tested mast that will provide the peace of mind that it will perform it's intended role for many years to come. If you have specific requirements our team are able to re-design the mast to suit.

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Specification

Parameter	AP-RM-GC48H-3
Physical Specifications	
System	**GC48**
Subtype	**Mounts**
Height (Nominal)	**3 m**
Materials	**Steel**
Material Finish	**Galvanised Coating**
Weight	**22 kg**
Wind Survival	**66 m/s**
Installation	**Roof Mounted**
Mounting	**Screw / Bolt**
Interfaces	

Installation / Attachment

Quantity	Mounting	Notes
6	Screw / Bolt	Attaches to metal roof using standard roof screws

Payload Interfaces

Quantity	Interfaces	Notes
1	Pole 48 mm ⌀	Suits any equipment/brackets that can clamp to 48 mm OD pole
1	Pole Spigot, 48 mm ⌀ OD	Suits headframes which mount over the top of the pole end

Subcomponents

Quantity	Item	Materials	Material Finish
1	1.5 m Centre Pole, 48.3 O/D x 2.90 mm CHS	Steel Hollow Section AS 1163-C350LO	Hot-Dip Galvanised
1	1.5 m Extension Pole 48.3 O/D x 2.90 mm CHS	Steel Hollow Section AS 1163-C350LO	Galvanised Coating
1	Centre Pole Foot Plate, with M10 Bolt & Nyloc Nut	Stainless Steel 304	Mill Finish
2	M10 Bolt & Nyloc Nut for Clevis	Steel	Galvanised Coating
2	2.0 m Stay Bar, 26.9 O/D x 2.35 mm CHS Pipe	Steel Hollow Section AS 1163-C350LO	Galvanised Coating
2	Stay Bar Foot Plate, with M10 Nyloc Nut	Stainless Steel 304	Mill Finish
2	Clamp-Style Stay Bar Collars	Steel	Hot-Dip Galvanised

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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Web	apacinfrastructure.com.au
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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 5 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/mounting-structures/gc48h-collared-hinged-roof-mast-48mm-pole-3m?v=214

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