APAC Infrastructure Pty Ltd
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APAC GC48T Collared Tile Roof Mast, 48mm Pole, 2m

AP-RM-GC48T-2



Key Features

- Suitable for concrete, slate, and terracotta tile roof mounting
- Galvanised 48 mm (OD) pole, heights up to 3 metres
- Sliding collars with set-screw locking attachment
- Three threaded bar mounts that attach to underlying beams/rafters
- Part of the GC48 Mast & Accessories System

Overview

APAC's 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 simple tile 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, Starlink 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.

GC48T is a subseries of the traditional GC48 mast, which employs the use of three adjustable threaded bar mounts that fix to the underlying roof structure, such as attaching to rafters or purlins. Installation is a matter of marking out your distances, poisitioning the plates, and drilling three holes in the tiles to feed the threaded bar through. An M10 bolt runs through a stirrup to hold the central 48 mm diameter pole in place while still pivoting, allowing roof pitch compensation.

A minimum order quantity may apply, check with our team on availability.

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Specification

Parameter	AP-RM-GC48T-2
Physical Specifications	
System	**GC48**
Subtype	**Mounts**
Height (Nominal)	**2 m**
Materials	**Steel**
Material Finish	**Galvanised Coating**
Weight	**17.5 kg**
Wind Survival	**66 m/s**
Installation	**Roof Mounted**
Mounting	**Screw / Bolt**
Interfaces	
Installation / Attachment	**Quantity** | **Mounting** | **Notes** 6 | Screw / Bolt | Screw plates into underlying rafters/purlins
Payload Interfaces	**Quantity** | **Interfaces** | **Notes** 1 | Pole 48 mm ⌀ | For attaching equipment/brackets 1 | Pole Spigot, 48 mm ⌀ OD | For attaching headframes or equipment over top of pole

Subcomponents

Quantity	Item	Materials	Material Finish
1	2.0 m Centre Pole, 48.3 O/D x 2.90 mm CHS Pipe	Steel Hollow Section AS 1163-C350LO	Galvanised Coating
2	1.6 m Stay Bar, 26.9 O/D x 2.35 mm CHS Pipe	Steel Hollow Section AS 1163-C350LO	Galvanised Coating
2	Clamp-Style Stay Bar Collars	Steel	Hot-Dip Galvanised
1	Centre Pole Stirrup, with M10 Bolt & Nyloc	Steel	Galvanised Coating
3	Threaded Rod Plates	Steel	Galvanised Coating

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Variants

APAC GC48T Collared Tile Roof Mast, 48mm Pole, 2m	AP-RM-GC48T-2 · this datasheet
APAC GC48T Collared Tile Roof Mast, 48mm Pole, 3m	AP-RM-GC48T-3

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/mounting-structures/gc48t-collared-tile-roof-mast-48mm-pole?v=216

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