APAC Infrastructure Pty Ltd
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GC76 Collared Roof Mast, 76mm Pole, 2m

AP-RM-GC76-2



Key Features

- Designed for equipment with large sail areas
- Constructed for minimal deflection
- Galvanised 76 mm (OD) pole, up to 3 metre height
- Heavy duty 4 mm jaw clamp collars with M12 bolts
- Wind Region D Certified

Overview

APAC's GC76 range of 76 mm galvanised steel roof poles are a serious, low deflection mounting platform that resists even the most intense of weather conditions. Constructed from 76.1 mm C350 grade galvanised steel pipe, this mast is built for mounting equipment with large sail areas such as weather stations, solar arrays, transmission stations, lighting arrays, wind turbines, and as a supporting frame for microwave and base station hardware.

High frequency microwave transmission requires extremely strict tolerances with respect to deflection and rotation, accordingly standard 30 and 50 mm typically are not suitable particularly for >6 GHz links. 76 mm roof masts are an industry standard minimum, used by just about all major microwave integrators across the globe.

The collared design incorporates a sliding clamp collar design allowing stay bars to be attached to the centre mast without invalidating the 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.

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Specification

Parameter	AP-RM-GC76-2
Physical Specifications	
System	**GC76**
Subtype	**Mounts**
Height (Nominal)	**2 m**
Materials	**Steel**
Material Finish	**Galvanised Coating**
Weight	**28.1 kg**
Wind Survival	**66 m/s**
Installation	**Roof Mounted**
Mounting	**Screw / Bolt**
Interfaces	
Installation / Attachment	
Payload Interfaces	

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

Quantity	Interfaces
1	Pole 76 mm ⌀
1	Pole Spigot, 76 mm ⌀ OD

Subcomponents

Quantity	Item	Materials	Material Finish
1	2.0 m Centre Pole, 76.1 O/D x 3.55 mm CHS Pipe	Steel Hollow Section AS 1163-C350LO	Galvanised Coating
1	Centre Pole Foot Plate, with M10 Bolt & Nyloc Nut	Stainless Steel 304	Mill Finish
2	1.87 m Stay Bar, 33.7 O/D x 2.65 mm CHS Pipe	Steel Hollow Section AS 1163-C350LO	Galvanised Coating
2	Jaw-Clamp Assembly, 4 mm Stainless Steel	Stainless Steel 304	Mill Finish
2	Stay Bar Foot Plate, with M10 Nyloc Nut	Stainless Steel 304	Mill Finish

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Variants

GC76 Collared Roof Mast, 76mm Pole, 2m AP-RM-GC76-2 · this datasheet	
GC76 Collared Roof Mast, 76mm Pole, 3m AP-RM-GC76-3	

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 11 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/mounting-structures/gc76-collared-roof-mast-76mm-pole?v=217

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