POWERTEC | DATASHEET | UNCONTROLLED WHEN PRINTED PUBLIC | August 2, 2025 22:57

Page



Powertec Wireless Technology ABN: 42 082 948 463 PO Box 1034, Ashmore City Queensland, Australia, 4214 sales@powertec.com.au 1300 769 378

GC48T Collared Tiled Roof Mast 48mm Pole Diameter, 2m

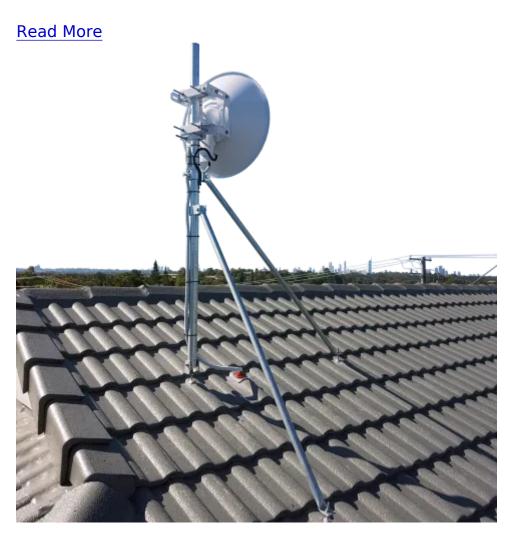
SKU MAS-BH-00121 MPN AP-RM-GC48T-2

Description

The GC48T roof mast is a heavy duty mounting platform for a range of large antennas, microwave dishes, and mmWave systems onto tiled roofs.

The GC48 series' collared design incorporates two sliding collars allowing stay bars to be attached to the centre mast, locked into place with set-screws.

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, positioning 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.





APAC Infrastructure

APAC Infrastructure is an Australian metal fabrication company dedicated to high tech industries in the commercial, industrial, and defence sectors. Our team is committed to evolving our solutions to meet the rapidly changing needs of our rapidly changing world, ensuring your team deliver solutions at the very forefront of technological development. APAC develops made-to-measure height systems for ...

Physical Specification

Subtype
Mast / Tower
Weight
17.5 kg
Installation Surfaces
Roof-Mounted
Dimensions
1,600 × 1,600 × 2,030 mm
Nominal Height
2 m

Subcomponents

Quantity	, Name	Materials	Material Finish
1	2.0 m Centre Pole, 48.3 O/D x	Steel Hollow Section AS	Hot-Dip
	2.90 mm CHS Pipe	1163-C350LO	Galvanised

Quantity	Name	Materials	Material Finish
2	1.6 m Stay Bar, 26.9 O/D x 2.35 mm CHS Pipe	Steel Hollow Section AS 1163-C350LO	Hot-Dip Galvanised
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

Installation Interface

Quantity Mounting Details

6 Screw / Bolt Screw plates into underlying rafters/purlins

Available Interfaces

Quantity	Mounting	Details
1	Pole 48 mm ø	Allows clamping of any equipment supporting 48 mm diameter poles
1	Pole Spigot, 48 mm ø OD	Allows equipment to be mounted over the top of the pole, such as a headframe

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

