APAC Infrastructure Pty Ltd
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ATR50 Tripod Telescopic Mast, 4.1m

AP-ATR50



Key Features

- ATM50 telescopic pole on a folding tripod
- 4.1 m to the top cap, extended
- Three folding legs, 1.8 m across the feet
- Guyed version with a guy wire kit and marquee pegs
- M12 centre thread and TR76 bolt pattern on top

Overview

The ATR50 puts the ATM50 telescopic pole on a low, welded aluminium tripod for rapid deployment on the ground: three folding 32 mm square tube legs, 1.8 m across the feet, with the pole's base section held in the tripod's hub. Fully extended, the top cap stands 4.1 m above the ground.

Each leg pivots on a bolt at the hub, is locked by a second bolt, and folds up against the pole for carrying. The feet have holes for ground pegs.

The guyed ATR50G adds the ATR guy wire kit: three guys from a plate on the second section and three from a head plate on the top cap, run out over the legs to six marquee pegs with hook-and-eye turnbuckles. The top cap carries an M12 centre thread for antennas with an M12 stud and, on the unguyed ATR50, the four-hole TR76 bolt pattern.

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Specification

<table>
<tr><th>Parameter</th><th>AP-ATR50</th></tr>
<tr><td colspan="2">Physical Specification</td></tr>
<tr><td>Subtype</td><td>Telescopic</td></tr>
<tr><td>No. Sections</td><td>4</td></tr>
<tr><td>Extended Height</td><td>4.1 m</td></tr>
<tr><td>Retracted Height</td><td>1.71 m</td></tr>
<tr><td>Lifting Mechanism</td><td>Manual / Hand</td></tr>
<tr><td>Locking</td><td>Manual Locking</td></tr>
<tr><td>Materials</td><td>Aluminium
Acetal</td></tr>
<tr><td>Material Finish</td><td>Bright/Pickled Finish</td></tr>
<tr><td>Dimensions</td><td>1,585 × 1,374 × 1,711 mm</td></tr>
<tr><td>Weight</td><td>9.6 kg</td></tr>
<tr><td colspan="2">Interfaces</td></tr>
<tr><td>Installation / Attachment</td><td><table>
<tr><th>Quantity</th><th>Notes</th></tr>
<tr><td>3</td><td>Three folding legs, Ø12 peg holes in the feet</td></tr>
</table></td></tr>
<tr><td>Available Interfaces</td><td><table>
<tr><th>Quantity</th><th>Interfaces</th><th>Notes</th></tr>
<tr><td>1</td><td>M12 Tapped Hole</td><td>For attaching antennas with an M12 stud (e.g., RFI)</td></tr>
<tr><td>1</td><td>TR76 Bolt Pattern</td><td>For attaching TR76 brackets (suit Starlink, cameras, etc)</td></tr>
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Subcomponents

Quantity	Item	Materials	Material Finish
1	Tripod Hub: 6 mm Plate, Hinge Lugs and Hub Ring, Welded	Aluminium	Bright/Pickled Finish
3	Folding Leg, 32x32x3 mm SHS, with Foot Post, Gusset and Peg Cap	Aluminium	Bright/Pickled Finish

Quantity	Bundled Components
1	ATM50 Hand-Raised Telescopic Pole, 3.8m (AP-ATM50)
3	Hex Bolt, Stainless Steel - M10 x 60mm Standard Thread (AP-FSS-HXB-M10-60)
3	Nylock Nut, Stainless Steel - M10 Standard Thread (AP-FSS-NYN-M10)
3	Flat Washer, Stainless Steel - M10 (AP-FSS-FW-M10)
3	Hex Bolt, Stainless Steel - M8 x 60mm Standard Thread (AP-FSS-HXB-M8-60)
3	Nylock Nut, Stainless Steel - M8 Standard Thread (AP-FSS-NYN-M8)
3	Flat Washer, Stainless Steel - M8 (AP-FSS-FW-M8)

Views



Isometric



Front



Side



Top

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Variants



ATR50 Tripod Telescopic Mast, 4.1m
AP-ATR50 · this datasheet



ATR50 Tripod Telescopic Mast, 4.1m, Guyed
AP-ATR50G

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 5 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/retractable-masts/atr50-tripod-telescopic-mast-41m?v=739

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