APAC Infrastructure Pty Ltd
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TR76 Hand-Raised Telescopic Pole, 4m

AP-TR76-4



Key Features

- Telescoping/Collapsing/Extendable pole
- Portable, hand-raised design
- Quick-release locking
- 100% Australian Designed & Manufactured

Overview

To meet the demand for a medium duty telescopic mast with a short leadtime, APAC have engineered the TR76 series - a lightweight, hand-carried, hand-raised telescopic pole system, designed and built right here in Sunshine Coast, Queensland.

These extendable poles are popular for field-testing and rapid deployment of equipment in scenarios where a modest height or elevated viewpoint is required.

APAC's TR76 telescopic mast is available in a compact four-section (4 m), or standard three-section (5.8 m), and four-section (7.6 m) models. The off-the-shelf material finish is your choice of pickled or anodised aluminium, with optional internal plungers to resist lowering before the quick-release locking mechanisms are engaged.

The mast fittings are constructed from engineering-grade acetal. Acetal has creep resistance and is resistant to hydrolysis, strong alkalis and thermo oxidative degradation.

The use of acetal has been key to ensure the locking mechanisms can handle huge payloads without slippage. When it comes to mounting your payload, APAC provide a four-stud TR76 bolt pattern which matches the range of brackets, spigots, and headframes that can be swapped in-out. Whether you're mounting Starlink, surveillance cameras, Go Pros, radio communications, lighting, or meteorology equipment APAC have a mount to match.

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Specification

Parameter	AP-TR76-4
Physical Specification	
Subtype	**Telescopic**
No. Sections	**4**
Extended Height	**4 m**
Retracted Height	**2 m**
Lifting Mechanism	**Manual / Hand**
Lifting Time	**< 1 min**
Locking	**Manual Locking**
Materials	**Aluminium**
Material Finish	**Bright/Pickled Finish**
Dimensions	**76 × 76 × 2,000 mm**
Interfaces	
Installation / Attachment	**Quantity** | **Mounting** | **Notes** 1 | Pole 50 mm ⌀ | Clamps or slots into brackets
Available Interfaces	**Quantity** | **Interfaces** | **Notes** 1 | M12 Tapped Hole | For attaching antennas with an M12 stud (e.g., RFI) 1 | TR76 Bolt Pattern | For attaching TR76 brackets (suit Starlink, cameras, etc)

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Variants

TR76 Hand-Raised Telescopic Pole, 4m AP-TR76-4 · this datasheet	
TR76 Hand-Raised Telescopic Pole, 5.8m AP-TR76-6	
TR76 Hand-Raised Telescopic Pole, 7.6m AP-TR76-7	

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/retractable-masts/tr76-hand-raised-telescopic-pole-76m?v=589

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