

# MT1050 (MT 76/5-1)

5 m telescopic composite mast, push-up, 1 m retracted  
**Tactical Masts: Telescopic Push-Up**



## Overview

- The MT 76/5-1 is a push-up 5 m composite telescopic mast designed to support headloads up to 6 kg\*
- Composite GRP tube material offers exceptional stiffness and lightweight
- Self supporting design (no guying required) up to 50 km/h
- Unique bayonet mechanism for locking tubes into position. Lift tube, twist and drop into locked position. No complicated tube clamping mechanism
- Fully extended height 5 m. Retracted height 1 m
- Suitable for elevating lighter top loads such as omnidirectional antennas, wire antennas, sensors and optronic equipment
- Suitable for military and professional applications
- Metal parts are plated and painted
- Vehicle and shelter mounting brackets available. Brackets also available with slope compensation and 90° tilt system for stowage



Shelter/Vehicle Bracket



Bracket for vehicle or shelter mounting with  $\pm 10^\circ$  slope compensation (optional)

## Mechanical Specifications

<b>Extended Height</b>	5 m
<b>Retracted Height</b>	1 m
<b>Upper Adaptor</b>	24 mm $\varnothing$ socket (female)
<b>Weight (mast only)</b>	5 kg
<b>Maximum Head Load*</b>	6 kg
<b>Number of Mast Sections</b>	6
<b>Material</b>	Composite epoxy, GRP
<b>Installation</b>	Ground or vehicle/shelter
<b>Colour</b>	Army green
<b>Temperature Range (Operational)</b>	- 30°C to + 55°C
<b>Temperature Range</b>	- 40°C to + 70°C

\* Typical values shown. Actual values will be subject to a combination of top load weight, top load area and pointing accuracy required.



Protective top cap to secure sections in collapsed position



Bayonet tube locking system

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All specifications are subject to change without notice  
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Partnered Supplier



sales@eylex.com.au  
www.eylex.com.au