



### Overview

- The MT76/ 5-1 is a push-up 5m (16.5 ft) composite telescopic mast designed to support headloads up to 6kg (13.2 lbs) \*
- Composite GRP tube material offers exceptional stiffness and lightweight.
- Self supporting design (no guying required) up to 50 km/h (31 mph).
- Unique bayonet mechanism for locking tubes into position. Lift tube, twist and drop into locked position. No complicated tube clamping mechanism.
- Fully extended height 5m (16.5 ft). Retracted height 1m (3 ft 4 ins).
- 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.

### Mechanical Specifications

Extended height	5 m (16.5 ft)
Retracted height	1 m (3 ft 4 ins)
Upper adaptor	24 mm (0.95 ins) Ø socket (female)
Weight (mast only)	5 kg 11 lbs)
Maximum head load *	6 kg (13.2 lbs)
No. of mast sections	6
Material	Composite epoxy, GRP
Installation	Ground or vehicle/shelter
Colour	Army green
Temperature range (operational)	-30°C to +55°C (-22°F to 131°F)
Temperature range	-40°C to +70°C (-40°F to 158°F)

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



Shelter / Vehicle Bracket



Bracket for vehicle or shelter mounting with ±10° slope compensation (optional)



Protective top cap to secure sections in collapsed position



Bayonet tube locking system