

# Electric Winch-Up Mast 2.7m Retracted, 11.3m Extended, 50kg Payload, Electric Rotator, 1x Cat6 1x PTL-240 Spiral Cable

MPN: AP-TM-CWU11E-5S-1C

## Description

This is a traditional cable-driven winch-up mast that comprises of 4x 2.5 metre hot-dip galvanised sections that telescope outward from a powdercoated steel base section. The extended height is 11.3 metres, which packs down to 2.7 metres. The mast has been engineered for a 50 kg payload in up to 120 km/h winds.

The mast has a spiral cable running to the top of the mast which contains 1x PTL-240 Ultra-Flex Coaxial Cable, 1x Cat-6 Ethernet Cable, and DC power cables. The mast has a DC powered Mast Rotator located at the top of the mast, which allows equipment to be panned a full 360°. A cable running to the mid-point of the mast is available as an optional extra.

The mast is lowered and raised by a 1100 kg 12/24 Vdc Electric Winch, which is operated by a hand controller.

Note mast image for reference only (hand-winch shown, no cable spiral or rotator)



## APAC Infrastructure

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# Physical Specification

Subtype:	Retractable Mast	Dimensions:	550 × 600 × 2,740 mm
Weight:	160 kg	Nominal Height:	11 m
Installation:	Retractable Mast Base Bolt Pattern	Wind Survival:	120 m/s
Retracted Height:	2.7 m	Extended Height:	11.3 m
Max. Payload:	50 kg	Lifting Time:	< 2 min
No. Sections:	5	Locking:	Non-Locking
Lifting Mechanism:	Winch		

## Subcomponents

Quantity	Name	Materials	Material Finish
1	2.5 m Top Section, 60x60 mm	Steel	Hot-Dip Galvanised
1	2.5 m Second Section, 80x80 mm	Steel	Hot-Dip Galvanised
1	2.5 m Third Section, 100x100 mm	Steel	Hot-Dip Galvanised
1	2.5 m Fourth Section, 120x120 mm	Steel	Hot-Dip Galvanised
1	2.5 m Base Section, 140x140 mm	Steel	Hot-Dip Galvanised
1	Full-Length Cable Spiral, 1x PTL-240, 1x Cat-6 Ethernet, 1x DC Power Cable 6mm2		
Quantity	Subcomponent		
1	Runva EWP2500U Electric Winch		
1	Mast Rotator for APAC Winch-Up Masts		

## Available Interfaces

Quantity	Mounting	Details
1	Retractable Mast Bolt Pattern	Attachment of mast-specific headframes and devices
1	Rotator Bolt Pattern	Attachment of rotator-specific headframes and devices

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