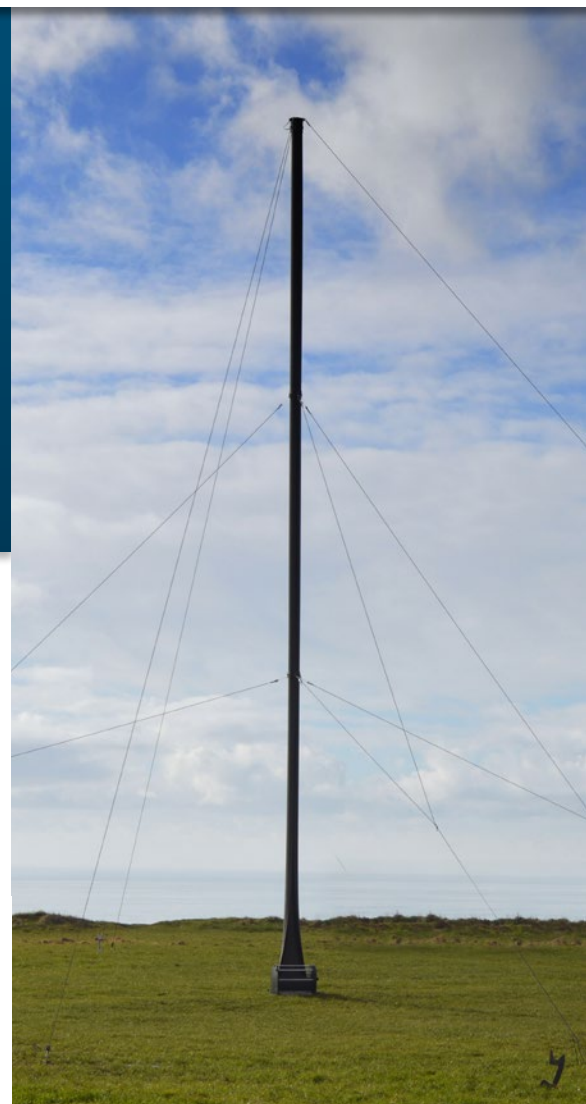


Data Sheet

System 100: 8m Mast / Rolacage

For top loads up to 15kg (33lb)



Mast Description

Length	8m (26.2') (8m deployed length from Rolacage, 8.6m (28.2') in total)
Nominal Tube Diameter (Inner)	101mm (4")
Nominal Tube Arc	355°
Composite Wall Thickness	2.1mm (0.08") ¹
Rolled Width	325mm (12.7") ¹
Typical Rolled Outer Diameter	205mm (8")
Typical Rolled Inner Diameter	122mm (4.8")
Mast/Rolacage Weight	15.5kg (34.17lb) (without ancils)
Mast/Rolacage Volume	285mm x 423mm x 253mm (11.2" x 16.65" x 9.96")
Packed Ancillaries Volume	250mm x 320mm x 260mm (9.8" x 12.5" x 10.2")
System Weight*	22.5kg (49.6lb)
Maximum Top Load ²	15kg (33lb)
Maximum Deployed Wind speed ³	100kph (62mph)
Environmental	Complies with the relevant aspects of MIL-STD-810G

* Without pegs

Note 1 – Average figures and subject to normal manufacturing tolerance.

Note 2 – Top load must not be exceeded. Deployment and recovery must be undertaken with the tension in all 3 top cap guy ropes being managed to ensure that the top load does not move off-centre and create bending load on the mast while top load is being elevated. This can only be achieved through 5 man operation during deployment and recovery.

Note 3 – Maximum wind loading is based on the bare mast correctly deployed and with guy pegs firmly positioned. End user or system integrator must take responsibility for deployment and ensuring that the final system is fit for purpose with regard to wind loadings once top load or other equipment is mounted.

System 100 8m Mast/rolacage Black System Components

System	RolaTube Part Number	NSN
System 100 8m Mast/rolacage Black	956-408002-3-1	5985-99-753-8611

Component	RolaTube Part Number	NSN	Qty
8.6m 101mm (28.2' 4") mast (black) in Rolacage	901-408002	NSN Pending	1
101mm (4") top cap	800-004104	5340-99-476-7799	1
Set of 3 x 14.5m (47.6') Guy ropes (red tag)	207-004123	4010-99-217-4531	1
Slot Locker Cuff	800-000129	5985-99-343-2412	2
Set of 3 x 10m (32.8') Triangulated guy ropes	207-004120	4010-99-258-5281	1
Set of 6 Mast Straps	800-005120	5985-99-905-0970	1
Steel Ground Stake 30cm black	207-002004	4030-99-157-2404	8
Soft Ground Peg	207-002005	4030-99-155-8599	6
Bag for Ancils, Black	502-003061	8105-99-616-0381	1
Deployment Brace	800-500019	NSN Pending	1

Optional Extras

Component	Rolatube Part Number	NSN
Central Guy Control (CGC) for System 100 8m (26.2') and 10m (32.8') masts	207-300010	5985-99-695-4733

Disclaimer: The technical and operational information contained within this document relates only to the specific product referred to in this document and may not be applicable when such product is not used in accordance with such operational instructions. The Company reserves the right to change technical and operational information from time to time. A copy of the latest version is available on the Company's website: www.rolatube.com

A copy of the Company's terms and conditions of business are also included on the Company's website.

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