

System 100: 10m Mast / Rolacage

RLC-RTL-410002-3-1

Mast Description	
Length	10m (32.8') (10m deployed length from Rolacage, 10.6m (34.8') 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	17.14kg (37.8lb) (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*	23.2kg (51.2lb)
Maximum Top Load¹	12kg (26.4lb)
Maximum Deployed Wind Speed	100kph (62mph)
Environmental	Complies with relevant sections of MIL-STD-810G



*Without pegs

Note 1 - Average figures 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 rock 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.



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System Components

System	Part Number
10m 4" mast/RolaCage system black	RLC-RTL-410002-3-1

Component	Part Number	Qty
10.6m 101mm (34.8' 4") mast (black) in Rolacage	901-410002	1
Top Cap	ACC-RTL-500014	1
Set of 3 x 14.5m (47.6') Guy ropes (red tag)	ACC-RTL-004123	1
Slot Locker Cuff for System 100 (5mm pins)	ACC-RTL-000129	3
Set of 3 10m triangulated guy ropes (H/D polyester rope with ratchet)	ACC-RTL-004120	1
Set of 6 mast Straps for System 100 masts	ACC-RTL-005120	1
Steel Ground Stake 30cm black (MOQ 6)	ACC-RTL-002004	8
Soft Ground Pegs 12" Army Green (MOQ 12)	ACC-RTL-002005	6
MEDIUM BAG 250mm x 320mm x 260mm BLACK	ACC-RTL-003061	1
Deployment Brace for 8m & 10m Rolacage	ACC-RTL-500019	1

Optional Extras	
Component	Part Number
Central Guy Control (CGC) for System 100 8m (26.2') and 10m (32.8') masts	ACC-RTL-300010

