

The Lightest Mast Systems in the World

Revolutionising man-portable
communications



MILITARY MAST SYSTEMS

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Rolatube uses its unique rollable composite material to manufacture its lightweight mast systems. Designed to complement advances in communication and surveillance technology, they are lightweight, compact and strong, bringing advantages to perimeter control, area lighting, and other site infrastructure applications.

Manufactured to adhere to the rigorous requirements of the Military Standard 810G, Rolatube mast systems have been proven, trusted and used by the global defence sector.

System 30 Compact Tactical Tripod (CTT)



The CTT packs smaller than any comparable conventional tripod, bringing the unique benefits common across the entire Rolatube product range to an extremely strong, stable and compact platform for a wide range of equipment and uses.

The CTT system includes 2 sets of legs, one of 650mm and one of 1250mm, thereby enabling payload heights of 145mm to 1290mm. The CTT offers the tripod head and feet in matt black, and a choice of black or multicam for the legs.

Manufactured to adhere to MIL STD 810G, the Rolatube CTT has a system weight of 2.84kg (*) and packed dimensions of only 190mm wide x 200mm deep x 180mm tall (7.4" x 7.8" x 7") but can handle top loads up to 40kg.

(* without pegs)

	No legs (Stubby configuration)	650mm legs @ 25°	1250mm legs @ 25°	650mm legs @ 45° ^{*i}
Max Top Load:	40kg (88lb)	40kg (88lb)	40kg (88lb)	20kg (44lb)
Maximum Payload Height:	@25° 240mm (9.4") @45° 220mm (8.6")	740mm (29.1")	1290mm (50.7")	590mm (23.2")
Minimum Payload Height:	@25° 150mm (5.9") @45° 145mm (5.7")	650mm (25.5")	1200mm (47.2")	500mm (19.6")

^{*i} 1250mm legs not recommended for use at 45°

System 50 Tripods



Available in:

BLACK

MULTICAM

**MULTICAM
ARID**

**MULTICAM
ALPINE**

The Rolatube System 50 Tripod can be used either as a standalone platform for the secure mounting of surveillance technology or as a support for a Rolatube mast, removing the need for guy ropes where conditions allow.

Strong and lightweight, the System 50 Tripod has a low packed volume as well as being quick and easy to deploy. Its inherent strength enables top loads of up to 115kg (308lb) to be mounted, making it suitable for heavier equipment.

System 50 Tripods	Maximum Top Load ¹	System Weight ²
1m (3.2')	115kg (308lb)	3.5kg (7.7lb)
2m (6.5')	65kg (174lb)	4.8kg (10.6lb)
3m (9.8')	35kg (93.7lb)	6kg (13.2lb)

¹ This loading is based on the tripod legs evenly spaced and held by the leg straps at the minimum spread. If the product is to be used in circumstances different from this, then the Rolatube technical team should be approached to understand the application and provide technical support regarding the appropriate maximum working top load.

² Without pegs.

Systems 50 & 75 Single Tube Masts



The Rolatube single tube mast systems bring unmatched weight and space savings, packing into soft bags of just 170mm x 250mm x 180mm (6.6" x 9.8" x 7") and weighing from as little as 2.4kg (5.2lb). Accessories are available to provide even greater ease, speed and flexibility, and can enable deployment with just two personnel.

A range of adaptors is available for mounting your surveillance and communication equipment (please see page 13). Rolatube's Technical Services Department is available to support you in advising the right solution for your application.

Single Tube Mast Systems	Maximum Top Load ¹	System Weight ²
System 50 2m (6.6')	10kg (22lb)	2kg (4.4lb)
System 50 3m (9.8')	7kg (15.4lb)	2.4kg (5.3lb)
System 50 4m (13.1')	3kg (6.6lb)	2.9kg (6.4lb)
System 75 3m (9.8')	11kg (24.2lb)	3.8kg (8.4lb)
System 75 4m (13.1')	7kg (15.4lb)	4.5kg (9.9lb)
System 75 5m (16.4')	5kg (11lb)	5.1kg (11.2lb)
System 75 7m (22.9')	2kg (4.4lb)	8kg (17.6lb)

¹ Maximum weight only. Sail area should be discussed with Rolatube technical representative.

² Without pegs.

System 75 5m HF Kit



Following increasing demand for HF solutions in the military comms arena, Rolatube collaborated with PTS Expeditionary Systems in the US to link their high-performance Raven HF system into our product range.

The System 75 5m HF Kit is a complete HF system that combines the PTS Raven high-performance HF Sloping Wire Antenna with a Rolatube System 75 5m mast to give a complete quick-to-deploy HF solution in one small lightweight bag.

Rolatube Mast

Description	System 75 single tube mast
Deployed Height	5m (16.4')
Deployed Mast Diameter	76mm (3")

PTS RAVEN Antenna

Description	Horizontally polarized folded dipole
Frequency Range	1.8-30MHz
Power Rating	150W
VSWR	1.5 : 1 maximum
Impedance	50 Ohms nominal
Radiation Pattern	Omnidirectional
RF Connector	BNC male, Type N adapter included
RF Coaxial	RG8X 15.24m (50' nominal)
Deployed Width	Up to 16.76m (55' nominal)
Deployed Height	Up to 5m (16.4' nominal)
Antenna Weight	30.0kg (6.6lbs)

System

System Weight	9.5kg (21lbs)
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System 75 Double Tube Masts



Available in:

- BLACK**
- MULTICAM**
- MULTICAM ARID**
- MULTICAM ALPINE**

Where there is a requirement to carry a heavier top load, double tube mast systems can be deployed. A simple yet effective solution, our double tube mast systems deliver a substantial increase in torsional and axial strength, with a minimal impact on weight, volume and deployment times.

Double Tube Mast Systems	Maximum Top Load ¹	System Weight ²
System 75 3m (9.8')	23kg (50lb)	5.8kg (12.8lb)
System 75 4m (13.1')	20kg (44lb)	7.4kg (16.3lb)
System 75 5m (16.4')	15kg (33lb)	9kg (19.8lb)
System 75 7m (22.9')	5kg (11lb)	12.5kg (27.5lb)

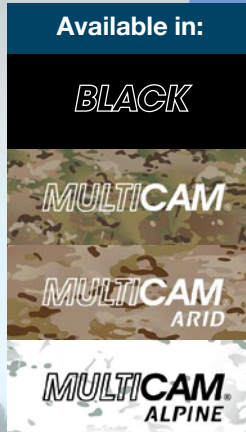
¹ Maximum weight only. Sail area should be discussed with Rolatube technical representative.

² Without pegs.

System IAM: 3.5m Integrated Antenna Masts

Rolatube Technology has extended the use of the rollable composite material to expedite communications even further by integrating linear dipole antennas within it.

The picture shows the **3.5m System IAM 3.5m 'SQUAD'** in use by the UK military, with an additional high frequency antenna top mounted to enable more flexible RF communication.



These 3.5m IAMs pack into a 150mm (6") roll, weigh only 1.6kg (3.5lb), and are deployed within seconds, bringing unprecedented weight-, volume- and time-savings to the dismounted soldier. Usually hand-held or propped against vegetation or structures, the systems also contain the accessories necessary to deploy the 3.5m IAMs as guyed masts.

System IAM 3.5m 'SQUAD'	
Frequency Range:	30-300MHz
Deployed Height:	3.5m (11.5')
Deployed Tube ID:	51mm (2")
Radiation Pattern:	Omnidirectional
Antenna Format:	Vertically Polarised Dipole
VSWR:	30 – 50MHz <4:1 50 – 300MHz <3:1
Power Rating:	25W using standard duty cycles and voice over radio transmit protocols
Impedance:	50ohms nominal
Nominal Gain:	2.2 dBi
Mast Packed / Rolled Dimensions W x H x D:	150 x 150 x 150mm (6" x 6" x 6")
System Weight ¹ :	2.5kg (5.5lb)

System IAM 3.5m 'TEAM'	
Frequency Range:	136 – 470MHz
Deployed Height:	3.5m (11.5')
Deployed Tube ID:	51mm (2")
Radiation Pattern:	Omnidirectional
Antenna Format:	Vertically Polarised Dipole
VSWR:	136-470MHz < 2.2:1
Power Rating:	25W using standard duty cycles and voice over radio transmit protocols
Impedance:	50ohms nominal
Nominal Gain:	2.2 dBi
Mast Packed / Rolled Dimensions W x H x D:	150 x 150 x 150mm (6" x 6" x 6")
System Weight ¹ :	2.8kg (6.2lb)

¹ Without pegs.

System IAM: 7m Integrated Antenna Masts

Available with integrated UHF, VHF or Dual Band antennas, the **System IAM 7m** offer the same 'plug & play', lightweight, compact solution as the System IAM 3.5m, intended for the longer term deployment as a guyed mast.

With the whole system weighing from just 7.6kg, able to be deployed by two people in c.5 minutes, and packing into a soft bag of just 250mm x 320mm x 260mm (9.8" x 12.5" x 10.2"), the System IAM 7m extends the benefits of the Rolatube IAM technology to Forward Operating Base positions and their equivalent.

The capability of the System IAM products can be further increased through the use of custom-made mounts to fit additional lightweight antenna. The product pictured includes an HF antenna, a solution produced by our US Distributor PTS Expeditionary Communications. Please liaise with your Rolatube representative for further information.

Available in:

BLACK

MULTICAM

MULTICAM
ARID

MULTICAM
ALPINE



System IAM: 7m IAM-D	
Frequency Range:	VHF 30 – 88MHz UHF 225 – 512MHz
Deployed Height:	7m (22.9')
Deployed Tube ID:	78mm (3")
Radiation Pattern:	Omnidirectional
Antenna Format:	Vertically Polarised Dipole
VSWR:	VHF < 2.8:1 UHF < 2.0:1
Power Rating:	VHF – 30W c.w (*1) UHF – 50W c.w (*1)
Impedance:	50ohms nominal
Nominal Gain:	2.2 dBi
Mast Packed / Rolled Dimensions W x H x D:	250mm x 320mm x 260mm (9.8" x 12.5" x 10.2")
System Weight ¹ :	7.7kg (17lb)

System IAM: 7m IAM-U	
Frequency Range:	UHF 225 – 512MHz
Deployed Height:	7m (22.9')
Deployed Tube ID:	78mm (3")
Radiation Pattern:	Omnidirectional
Antenna Format:	Vertically Polarised Dipole
VSWR:	UHF < 2.0:1
Power Rating:	UHF – 50W c.w (*1)
Impedance:	50ohms nominal
Nominal Gain:	2.2 dBi
Mast Packed / Rolled Dimensions W x H x D:	250mm x 320mm x 260mm (11"x11"x16")
System Weight ¹ :	7.2kg (15.9lb)

System IAM: 7m IAM-V	
Frequency Range:	VHF 30 – 88MHz
Deployed Height:	7m (22.9')
Deployed Tube ID:	78mm (3")
Radiation Pattern:	Omnidirectional
Antenna Format:	Vertically Polarised Dipole
VSWR:	VHF < 2.8:1
Power Rating:	VHF – 30W c.w (*1)
Impedance:	50ohms nominal
Nominal Gain:	2.2 dBi
Mast Packed / Rolled Dimensions W x H x D:	250mm x 320mm x 260mm (11"x11"x16")
System Weight ¹ :	7.2kg (15.9lb)

(*1 Stated power rating is based on continuous transmit. Higher powers may be used depending on duty cycle and transmission duration protocols. Please contact your Rolatube representative to discuss your requirements before exceeding stated maximum power.)

1 Without pegs.

System 75 & System 100 3.5m IAM Mounts



The 3.5m IAM Mounts enable Rolatube System 75 and System 100 masts to support any Rolatube 3.5m IAM product, thus achieving a new maximum height for Rolatube of 13m.

Lightweight and compact, this mount brings a new level of flexibility to the Rolatube range, for example, a System 100 mast can now be just that as well as a 13m IAM. The mount can only be used with System 75 masts up to 5m, compatibility with systems and accessories is shown right:

System 75 3.5m IAM Mount Compatible With:
System 75 3m single tube mast
System 75 4m single tube mast
System 75 5m single tube mast
System IAM 3.5m SQUAD (30-300 MHz)
System IAM 3.5m TEAM (136-470 MHz)
System IAM 3.5m RESQ (136-175 MHz)
Rolacage
Central Guy Control (CGC)

System 100 3.5m IAM Mount Compatible With:
System 100 8m mast/Rolacage
System 100 10m mast/Rolacage
System IAM 3.5m SQUAD (30-300 MHz)
System IAM 3.5m TEAM (136-470 MHz)
IAM 3.5m RESQ (136-175 MHz)
Central Guy Control (CGC)

HF Antenna kit



The HF Antenna Kit is an ancillary kit to add HF capability to the Rolatube System 75 5m single tube mast, System 100 10m & 8m masts and the 7m IAM System.

When combined with a Rolatube System IAM-D, the PTS Raven HF Antenna kit provides exceptional tri-band capability in one mast system. This tri-band capability (HF, VHF and UHF) in one highly portable light weight mast sets a new industry benchmark for operational flexibility and logistical simplicity.

HF Antenna Kit

Description	Horizontally polarized folded dipole
Frequency Range	1.8-30MHz
Power Rating	150W
VSWR	1.5 : 1 maximum
Impedance	50 Ohms nominal
Radiation Pattern	Omnidirectional
RF Connector	BNC male, Type N adapter included
RF Coaxial	RG8X 15.24m (50' nominal)
Antenna Weight	3.0kg (6.6lbs)
System Weight	4.7kg (10.4lbs)

System 100



Available in:
BLACK

For heavier top loads at greater heights, the 8m and 10m mast / Rolacage systems enable rapid deployment at variable heights through the use of the braking function on the aluminium Rolacage within which these masts are permanently mounted.

Still man-portable, and very popular for use from and on light tactical vehicles, these systems offer very significant savings in weight and volume when compared to other mast systems of similar height.

By using the System 100 with the CGC, it can be deployed with just 2 personnel.

Mast / Rolacage Systems	Maximum Top Load ¹	System Weight ²
System 100 8m (26.2')	15kg (33lb)	22.5kg (49.6lb)
System 100 10m (32.8')	12kg (26.4lb)	23.7kg (52.2lb)

¹ Maximum weight only. Sail area should be discussed with Rolatube technical representative.

² Without pegs.

Central Guy Control (CGC)



The CGC can be used with the System 75 and System 100 masts to bring unparalleled ease, speed and flexibility to deployment. By bringing the control of three guy ropes to one person, the CGC uniquely enables the deployment of a mast system of up to 10m (32.8') by only 2-3 people, instead of the usual 4-6.

The following table shows the combinations available

	System 50 1m Tripod	System 50 2m Tripod	System 50 3m Tripod	Rolacage	CGC
System 50 2m mast					
System 50 3m mast					
System 50 4m mast					
System 75 3m mast		•		•	
System 75 4m mast		•		•	•
System 75 5m mast		•	•	•	•
System 75 7m mast		•	•	•	•
System 100 8m mast				*i	*ii
System 100 10m mast				*i	*ii

*i Permanently fixed *ii Up to 5kg top load

Combination Systems

Rolatube Combination systems provide additional features and benefits to further enhance tactical capability, whilst retaining the key attributes of light weight, portability and low packed volumes.

Mast / Rolacage system enables rapid and easy deployment to any height to the length of the mast.

The stability of our System 50 Tripod when combined with the vertical reach of a mast enables the rapid deployment of surveillance equipment without the requirement for guy ropes, for example in urban or other hardstanding areas, where conditions allow.

Mast / Rolacage / Tripod system brings all the benefits of the two systems above, combined into one solution.

Tactical Vehicle Solutions



Just as the Rolatube mast systems bring unrivalled benefits to the dismounted soldier, these same benefits are proving invaluable to tactical vehicles, where space and payload are often at a premium.

Able to be deployed remotely or from and on the vehicle, Rolatube mast systems offer the ultimate in space- and weight- savings and thereby increased convenience and flexibility.

Accessories

Rolacage:
For use with System 75 single tube mast systems.



Central Guy Control (CGC): for use with Systems 75 & 100 masts, to reduce the number of personnel required for deployment.



The hinged base plate can be used with the System 75 double tube mast systems to further aid deployment.



Side mount (Radwin): For mounting Radwin microwave antenna on System 75 double tube mast systems, with a hole pattern to enable side mounting of other equipment.

Rolatube has developed a range of mast ancillaries which either assist mast deployment or provide solutions for mounting different payloads, a selection of which is shown here. Please contact us to discuss your requirements.



25cm Spigot mount: For use on any Rolatube mast system or System 50 tripod, to provide c.228mm (9") spigot to which equipment can be secured.

Side mount (Cisco): Optimised for the Cisco Wireless Access Point on System 75 double tube mast systems, with a hole pattern to enable side mounting of other equipment.



If you have a requirement to attach equipment to a Rolatube mast and cannot find the relevant mount, please contact Rolatube.



Spigot reducing kit: For use in any 30mm (1.1") spigot hole, as provided on all Rolatube mast systems and System 50 tripods, to reduce the hole to 24mm (0.9") female, with an option to further provide a 17mm (0.6") male.

Side mount (Cambium): Optimised for the Cambium Wireless Access Point on System 75 double tube mast systems, with a hole pattern to enable side mounting of other equipment.



Camera mounting adaptor: For use with all Rolatube mast systems and System 50 tripods, to provide 100mm (4") spigot with a 1/4-20 UNC screw for direct interface with a camera.



Mast Straps: for use with System 100 masts to reduce the size of the slot and thereby any wind noise, and also to serve as a cable-tidy.



Twin Antenna T-Bar Mount: Provides 1.01m (40") span for securing multiple antenna. Includes a mounted cable connection from N-type female to TNC type female. The TNC is facing upwards to be connected to the antenna.



Mast support adaptor: for use with Systems 75 & 100 masts and the System 50 tripod, to enable the tripod to be used as a support for the mast.



Strain Relief Cable: available as TNC for the 'SQUAD' 3.5m IAM and N-Type for the 'TEAM' and 'RESQ' (civilian) 3.5m IAMs.



Product List

Part No	NSN	Description	Part No	NSN	Description
System 30 Compact Tactical Tripod (CTT)					
953-321900-1-1	5985-99-847-9091	System 30 CTT (Compact Tactical Tripod), Multicam	950-307000-3-1	5985-99-435-7661	System 75 7m, Black
953-321900-3-1	5985-99-754-7413	System 30 CTT (Compact Tactical Tripod), Black	950-307000-6-1	NSN pending	System 75 7m, Multicam Alpine*
System 50 Tripods					
953-201000-1-1	5985-99-577-4921	System 50 1m Tripod, Multicam	950-307000-8-1	NSN pending	System 75 7m, Multicam Arid*
953-201000-3-1	5985-99-871-6952	System 50 1m Tripod, Black	System 75 5m HF Kit		
953-201000-6-1	NSN pending	System 50 1m Tripod, Multicam Alpine*	954-305000-1-1	5985-99-180-5927	System 75: 5m HF Kit multicam
953-201000-8-1	NSN pending	System 50 1m Tripod, Multicam Arid*	954-305000-3-1	5985-99-665-1789	System 75: 5m HF Kit black
953-202000-1-1	5985-99-154-2465	System 50 2m Tripod, Multicam	System 75 Double Tube Masts		
953-202000-3-1	5985-99-391-4565	System 50 2m Tripod, Black	950-302200-1-1	5985-99-156-8028	System 75 2m Double Mast, Multicam
953-202000-6-1	NSN pending	System 50 2m Tripod, Multicam Alpine*	950-302200-3-1	5985-99-602-1942	System 75 2m Double Mast, Black
953-202000-8-1	NSN pending	System 50 2m Tripod, Multicam Arid*	950-302200-6-1	NSN pending	System 75 2m Double Mast, Multicam Alpine*
953-203000-1-1	5985-99-471-7639	System 50 3m Tripod, Multicam	950-302200-8-1	NSN pending	System 75 2m Double Mast, Multicam Arid*
953-203000-3-1	5985-99-563-9899	System 50 3m Tripod, Black	950-303200-1-1	5985-99-846-1388	System 75 3m Double Mast, Multicam
953-203000-6-1	NSN pending	System 50 3m Tripod, Multicam Alpine*	950-303200-3-1	5985-99-616-0297	System 75 3m Double Mast, Black
953-203000-8-1	NSN pending	System 50 3m Tripod, Multicam Arid*	950-303200-6-1	NSN pending	System 75 3m Double Mast, Multicam Alpine*
System 50 & 75 Single Tube Masts					
950-202000-1-1	5985-99-567-8138	System 50 2m, Multicam	950-303200-8-1	NSN pending	System 75 3m Double Mast, Multicam Arid*
950-202000-3-1	5985-99-927-3240	System 50 2m, Black	950-304200-1-1	5985-99-753-0828	System 75 4m Double Mast, Multicam
950-203000-1-1	5985-99-668-0110	System 50 3m, Multicam	950-304200-3-1	5985-99-616-0537	System 75 4m Double Mast, Black
950-203000-3-1	5985-99-507-5261	System 50 3m, Black	950-304200-6-1	NSN pending	System 75 4m Double Mast, Multicam Alpine*
950-204000-1-1	5985-99-376-2877	System 50 4m, Multicam	950-304200-8-1	NSN pending	System 75 4m Double Mast, Multicam Arid*
950-204000-3-1	5985-99-671-2663	System 50 4m, Black	950-305200-1-1	5985-99-555-1888	System 75 5m Double Mast, Multicam
950-303000-1-1	5985-99-752-9662	System 75 3m, Multicam	950-305200-3-1	5985-99-862-5299	System 75 5m Double Mast, Black
950-303000-3-1	5985-99-846-0828	System 75 3m, Black	950-305200-6-1	NSN pending	System 75 5m Double Mast, Multicam Alpine*
950-303000-6-1	NSN pending	System 75 3m, Multicam Alpine*	950-305200-8-1	NSN pending	System 75 5m Double Mast, Multicam Arid*
950-303000-8-1	NSN pending	System 75 3m, Multicam Arid*	950-307200-1-1	5985-99-217-4675	System 75 7m Double Mast, Multicam
950-304000-1-1	5985-99-435-3097	System 75 4m, Multicam	950-307200-3-1	5985-99-753-0481	System 75 7m Double Mast, Black
950-304000-3-1	5985-99-226-7058	System 75 4m, Black	950-307200-6-1	NSN pending	System 75 7m Double Mast, Multicam Alpine*
950-304000-6-1	NSN pending	System 75 4m, Multicam Alpine*	950-307200-8-1	NSN pending	System 75 7m Double Mast, Multicam Arid*
950-304000-8-1	NSN pending	System 75 4m, Multicam Arid*			
950-305000-1-1	5985-99-564-9121	System 75 5m, Multicam			
950-305000-3-1	5985-99-728-2130	System 75 5m, Black			
950-305000-6-1	NSN pending	System 75 5m, Multicam Alpine*			
950-305000-8-1	NSN pending	System 75 5m, Multicam Arid*			
950-307000-1-1	5985-99-897-3479	System 75 7m, Multicam			

Product List

Part No	NSN	Description	Part No	NSN	Description
System IAM 3.5m			HF Antenna Kit		
952-203500-1-1	5985-99-844-4259	System IAM 3.5m 'SQUAD' Multicam (30-300MHz)	207-180001	5985-99-356-4997	HF Antenna Kit
952-203500-3-1	5985-99-226-5973	System IAM 3.5m 'SQUAD' Black (30-300MHz)	System 100 Mast / Rolacage		
952-203500-6-1	NSN pending	System IAM 3.5m 'SQUAD' Multicam Alpine* (30-300MHz)	956-408002-3-1	5985-99-753-8611	System 100 8m, Black
952-203500-8-1	NSN pending	System IAM 3.5m 'SQUAD' Multicam Arid* (30-300MHz)	956-410002-3-1	5985-99-183-3519	System 100 10m, Black
952-203501-1-1	5985-99-217-4195	System IAM 3.5m 'TEAM' Multicam (136-470 MHz)	Accessories		
952-203501-3-1	5985-99-581-9460	System IAM 3.5m 'TEAM' Black (136-470 MHz)	207-190001	5340-99-578-4541	System 30 Tripod Leg Tie
952-203501-6-1	NSN pending	System IAM 3.5m TEAM Multicam Alpine* (136-470MHz)	800-007102	5985-99-397-9209	Rolacage for System 75 Single Tube Masts
952-203501-8-1	NSN pending	System IAM 3.5m TEAM Multicam Arid* (136-470MHz)	207-300004	5985-99-269-4942	Central Guy Control (CGC) for System 75 3m (9.8') and 4m (13.1') Mast Systems
System IAM: 7m			207-300007	5985-99-298-0087	Central Guy Control (CGC) for System 75 5m (16.4') and 7m (22.9') Mast Systems
952-307005-1-1	5985-99-156-0918	System IAM 7m IAM-D Multicam (30-88 & 225-512MHz)	207-300010	5985-99-695-4733	Central Guy Control (CGC) for System 100 8m (26.2') and 10m (32.8') masts
952-307005-3-1	5985-99-344-4454	System IAM 7m IAM-D Black (30-88 & 225-512MHz)	800-001061	5985-99-959-3334	Hinged base cap for System 75 double tube masts
952-307005-6-1	NSN pending	System IAM 7m IAM-D Multicam Alpine* (30-88 & 225-512MHz)	207-000094	5985-99-563-9420	25cm (10") Spigot Mount
952-307005-8-1	NSN pending	System IAM 7m IAM-D Multicam Arid* (30-88 & 225-512MHz)	207-000035	5985-99-976-9292	Spigot reducing kit - to 24mm female and 17mm male
952-307004-1-1	5985-99-391-4435	System IAM 7m IAM-U Multicam (225-512MHz)	207-000029	5340-99-564-0221	Camera mounting adaptor - 100mm (4") spigot with 6mm (0.25") Whitworth screw
952-307004-3-1	5985-99-507-5101	System IAM 7m IAM-U Black (225-512MHz)	800-000008	5985-99-841-3889	Mast support adaptor for System 75 Single tube mast
952-307004-6-1	NSN pending	System IAM 7m IAM-U Multicam Alpine* (225-512MHz)	800-000012	5985-99-617-9035	Mast support adaptor for System 75 Double tube mast
952-307004-8-1	NSN pending	System IAM 7m IAM-U Multicam Arid* (225-512MHz)	800-000037	5985-99-472-1260	Mast support adaptor for System 100 Mast
952-307003-1-1	5985-99-291-1702	System IAM 7m IAM-V Multicam (30-88MHz)	800-000044	5985-99-671-2189	Side mount (Radwin)
952-307003-3-1	5985-99-585-9616	System IAM 7m IAM-V Black (30-88MHz)	800-000032	5985-99-230-6103	Side mount (Cambium)
952-307003-6-1	NSN pending	System IAM 7m IAM-V Multicam Alpine* (30-88MHz)	800-000034	5985-99-940-6985	Side mount (Cisco)
952-307003-8-1	NSN pending	System IAM 7m IAM-V Multicam Arid* (30-88MHz)	800-000036	5985-99-752-9669	Twin Antenna T-Bar Mount
3.5m IAM Mounts			800-005120	5985-99-871-6952	Mast Straps for System 100 masts
800-006200	5985-99-371-3902	3.5m IAM Mount for System 75 masts	108-000034	5975-99-564-1435	TNC Strain Relief Cable for 'SQUAD'
800-006210	5985-99-680-0511	3.5m IAM Mount for System 100 masts	108-000035	5975-99-753-3553	N-Type Strain Relief Cable for 'TEAM'

Rolatube also manufactures the Industrial Range, not MIL STD-compliant but still bringing the benefits of the lightest weight mast system in the world to non-military users of masts and tripods. Full details can be found on our website.

*MOQ of 5 applies, or 20% surcharge

Technical Data

Rolatube military mast systems have been developed to meet the appropriate environmental standards as defined in MIL-STD-810G, which covers both environmental performance and transportation robustness.

The Rolatube systems meet or exceed the following relevant Environmental Performance standards

- 501.5 High Temperature (Storage Hot Dry, A1: 71°C, Operation Hot Dry A1: 49°C)
- 502.5 Low Temperature (Storage Basic Cold C1: -45°C, Operation Basic Cold C1: -31°C)
- 505.5 Solar Radiation
- 510.5 Sand & Dust
- 512.5 Water Immersion
- 514.6 Vibration
- 516.6 Transport Shock
- 521.3 Ice & Freezing Rain
- 504.1 Contamination by Fluids
- 500.2 Low Pressure

Rolatube products are manufactured in thermoplastic composites which are non-conductive.

All bare mast systems are designed to be used in wind speeds up to 100 kph (62 mph) when correctly guyed and deployed.

End of Life Disposal: Rolatube products are constructed from recyclable materials and as such lend themselves to recycling at the end of their operational life.

High temperature incineration of the non-metallic Rolatube components can take place in a facility equipped with suitable scrubbers for dealing with the incineration of long chain hydrocarbons.

There are no hazardous or controlled raw materials used in manufacturing Rolatube mast systems.

Disclaimer: The technical and operational information contained within this document relates only to the specific products referred to in this document and may not be applicable when the product is not used in accordance with operation instructions. The Company reserves the right to change technical and operational information from time to time. The Company's Terms & Conditions can be found on the Company website, www.rolatube.com.

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