

AL1 STANDARD SERIES

Ultralight, man-portable
manual push up system

LIGHTWEIGHT PAYLOADS

MANUAL PUSHUP SYSTEM

PRIMARY USE

Tactical RF Communications
Lightning Protection Systems



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SPECIFICATIONS

Model Heights Available
2 to 15 meters (7.5ft to 46.5 ft)

Payload Capacity
See Capabilities Chart*

Wind Loading
70 mph

Deployment Time
1 to 2 people, 2 to 30 minutes*

Outside Diameter
2.0 inches

Testing
MIL-STD-810H

CAPABILITIES CHART

The payload is the total weight of all devices, accessories and cabling being mounted on the mast.

SYSTEM P/N	SYSTEM HEIGHT		PAYLOAD	
	FEET	METERS	LBS	KG
BSM2-W-M115-AL1-000	46.5	(15M)	10	(4.5)
BSM2-W-M114-AL1-000	43.5	(14M)	12.5	(5.7)
BSM2-W-M113-AL1-000	40.5	(13M)	15	(6.8)
BSM2-W-M112-AL1-000	37.5	(12M)	20	(9.1)
BSM2-W-M111-AL1-000	34.5	(11M)	25	(11.3)
BSM2-W-M110-AL1-000	31.5	(10M)	30	(13.6)
BSM2-W-M109-AL1-000	28.5	(9M)	32.5	(14.7)
BSM2-W-M108-AL1-000	25.5	(8M)	35	(15.9)
BSM2-W-M107-AL1-000	22.5	(7M)	37.5	(17)
BSM2-W-M106-AL1-000	19.5	(6M)	40	(18.1)
BSM2-W-M105-AL1-000	16.5	(5M)	42.5	(19.3)
BSM2-W-M104-AL1-000	13.5	(4M)	45	(20.4)
BSM2-W-M103-AL1-000	10.5	(3M)	47.5	(21.5)
BSM2-W-M102-AL1-000	7.5	(2M)	50	(22.7)

FEATURES



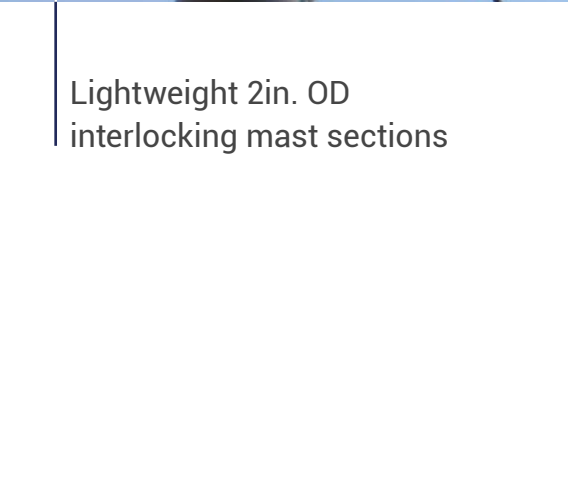
Patented tripod design with
cam lock system



Color coded, free spinning guy
rings for directional control



Precision-engineered
components to achieve
maximum performance and
durability



Lightweight 2in. OD
interlocking mast sections



Compass and bubble
levels



Telescoping tripod legs

TRANSPORT

(Included)

The AL1 Standard Series system packs down into one custom 54 x 14 x 14 inch wheeling carry bag.



(Optional)

Hard Case Upgrade
62 x 21 x 14 inches

