



The MP48/XX-1.1 is a tactical lightweight composite sectional mast designed to be deployed by two operators. The mast is available in heights ranging from 6 to 10 metres. The mast can be erected in a matter of minutes and can support lightweight top loads such as antennas or sensors.

- Fully deployed heights from 6 to 10 meters.
- Top loads up to 11kg* + 5kg at a intermediate position below the top load.
- RF invisible glass fiber mast sections allows omni-directional antennas to be mounted below the top load.
- The mast comprises individual fiber glass mast tube sections that fit together to give the desired height.
- The aluminum folding base allows easy deployment from the ground by raising the mast while pulling on a guy rope.
- Supplied with a ground mounting kit containing all the items required for a field deployment.
- Optional antenna mounting kit can be supplied to allow an omni-directional antenna to be mounted below the top load.
- Used to elevate omni-directional & directional antennas, sensors, lighting, etc. *
- Deployed by two operators typically in 10 minutes.
- Full compliance with ANSI TIA/EIA-222-F wind standard.

*Maximum headload subject to mast height, top load weight and wind surface area



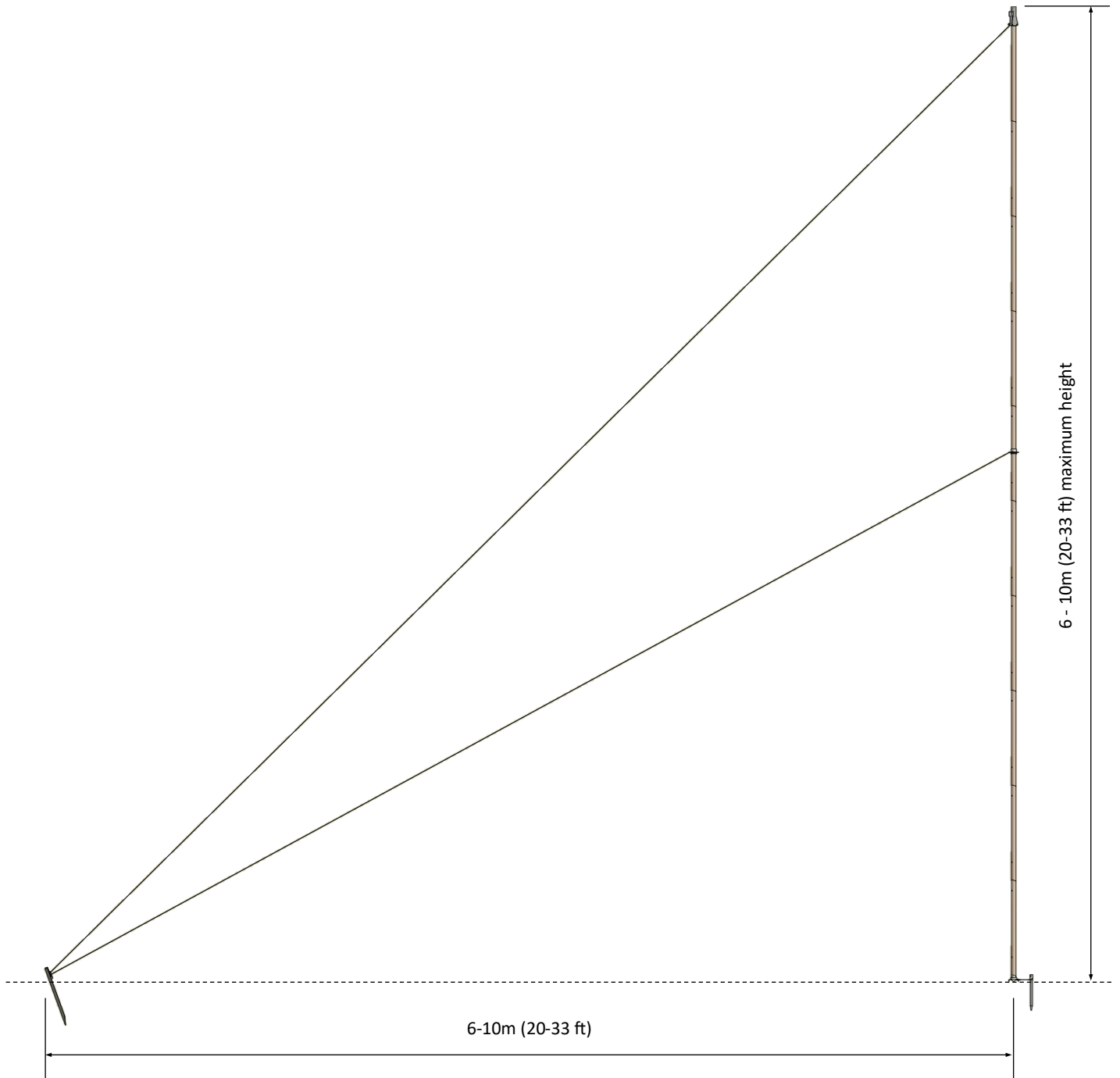
Mechanical Specification

Light configuration (terylene guys)

General Characteristics							
Mast section							
Tube diameter	48 mm						
Wind speed, max							
Deployment	40 km/h						
Operation	90 km/h						
Survival	100 km/h						
Guying	2 levels						
Guy anchoring	4 locations at 90°						
Specific Characteristics		MP-G48/6-1.1L	MP-G48/7-1.1L	MP-G48/8-1.1L	MP-G48/9-1.1L	MP-G48/10-1.1L	
Mast	Height (m)	6	7	8	9	10	
	Sections (excluding top)	5	6	7	8	9	
	Guy radius (m)	6	7	8	9	10	
Headload	Weight (kg)	11 kg	9 kg	7 kg	5 kg	3.5 kg	
	Wind Surface Area $C_x S$ (m ²)	0.20	0.20	0.15	0.15	0.05	
Top Deflection at 90 km/h	Angular (°)	< 7.5°	< 7°	< 5°	< 4°	< 3°	
Mast	Total Kit Weight (approx) (kg)	13	14	15	18	19	

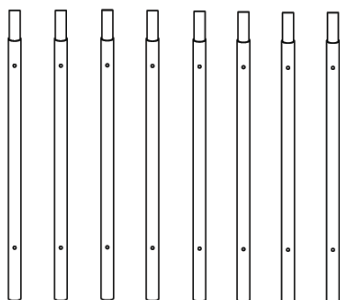
Enhanced configuration (kevlar guys)

General Characteristics											
Mast section											
Tube diameter	48 mm										
Wind speed, max											
Deployment	40 km/h										
Operation	90 km/h										
Survival	120 km/h										
Guying	2 levels										
Guy anchoring	4 locations at 90°										
Specific Characteristics		MP-G48/6-1.1H		MP-G48/7-1.1H		MP-G48/8-1.1H		MP-G48/9-1.1H		MP-G48/10-1.1H	
Mast	Height (m)	6		7		8		9		10	
	Sections (excluding top)	5		6		7		8		9	
	Guy radius (m)	6		7		8		9		10	
Headload	Weight (kg)	11 kg		9 kg		7 kg		5 kg		3.5 kg	
	Wind Surface Area $C_x S$ (m ²)	0.35	0.5	0.35	0.5	0.35	0.5	0.25	0.35	0.1	0.25
Guy Anchoring 4 locations at 90°	Simple Stake	X		X		X		X		X	
	Double Stake		X		X		X		X		X
Top Deflection at 90 km/h	Angular (°)	2°	2°	6°	2°	6°	2°	2°	2°	2°	2°
Mast	Total Kit Weight (approx) (kg)	24	21	24	25	26	24	27	25	28	26



Typical Kit Contents (10m version)

Description	Qty
Mast section	9
Top section	1
Base	1
Guy Lower	4
Guy Upper	4
Anchor stake	4
Guy ring	1
Hammer	1
Transport bag	1
Operator manual	1



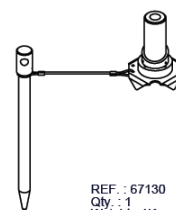
REF. : 65854CXX
Qty : 8
Weight : 7.68Kg (0.96Kgx8)



REF. : 67309CXX
Qty : 1
Weight : 1Kg



REF. : 67308CXX
Qty : 1
Weight : 1Kg



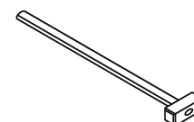
REF. : 67130
Qty : 1
Weight : 1Kg



REF. : 67318
Qty : 4
Weight : 0.8Kg (0,2Kgx4)



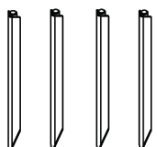
REF. : 67319
Qty : 4
Weight : 0.8Kg (0,2Kgx4)



REF. : 12296
Qty : 1
Weight : 3Kg



REF. : 18369
Qty : 1
1200x320x320 mm



REF. : 558027
Qty : 4
Weight : 7.6Kg (1,9Kgx4)



REF. : 19565
Qty : 1
Weight : 0.1Kg