

Telemast

Technical Specification:

TM STL 32 FT. BLK Mast System

Tripod:	Top Collar	UHMW 5.5" x 6" x 2" Black
	Lower Collar	UHMW 5.75" x 6" x 2" Black
	Cross Bar	6061T6 Alum: 1" x .25" x 11.5"
	Base Plate	UHMW 8" x 8" Black
	Base legs	Alloy CDS 1.25 OD x .049" wall x 48" Tensile S: 45,000 PSI
	Nested legs	Alloy CDS 1.125 OD x .058" wall x 48" Tensile S: 70,000 PSI
Center Mast:		Alloy CDS 4130 MILT- 6736-A/B - 1.250 OD x .058" wall x 52" Tensile S: 90,000 PSI
Rope Stay:	Rope Stay:	Aluminum 4" x 11" x 2" CARC Green with Kevlar 3.5 mm / 1200 lb line strength
Ground Stakes:		Steel 18" x .5" Diameter Power Coated Black
Surface Coating:		Powder coat / paint / base material – may be black or green #383
Carry bag:		Mil-C-43375 nylon in OD green
Op Temps:		Operating -30F to 150F and storage from -50F to 195F.
Height:		Extended height 32' (feet) / nested height 4' 8"
Survival		
Wind Speed:		Max survival 60 mph. NOTE: based on 4 square foot sail area at Cd=1.5 with 20 lbs payload
Deployment		
Wind Speed:		Maximum 20 mph. NOTE: based on 4 square foot sail area at Cd=1.5 with 20 lbs payload
Weight:		72.3 lbs includes complete accessory kit as described above and all ancillary equipment
Deployment time:		15-20 minutes (two/three person)
Takedown time:		10-15 minutes (two/three person)