



TowerMast

Technical Specification:

TWR CF 28 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:	Center Mast:	High grade carbon fiber structural tubing vinyl ester 48" L x 2.0 OD smooth black NRE < 200 to 1000+ Ksi
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	28' (feet) / nested height 4' 8"
Survival	Wind Speed:	Max survival 80 mph. NOTE: based on 4 square foot sail area at Cd=1.5 with 35 lbs payload
Deployment	Wind Speed:	Maximum 20 mph. NOTE: based on 4 square foot sail area at Cd=1.5 with 35 lbs payload
Weight:		---- lbs includes complete accessory kit as described above and all ancillary equipment
Deployment time:		15-20 minutes (one person)
Takedown time:		10-12 minutes (one person)

Customer Service: 330.684.5296

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ISO 9001-2008 Registered Quality System