




## PRODUCT INFORMATION

Component	The Lowdown 630-Meter Amateur Radio Antenna
Part Number	630.PD
Image	
Description	<p>The support stand and groundplane shown above with the antenna represent future options.</p> <p>The Lowdown Amateur Radio Antenna offers amateur radio enthusiasts a convenient way to communicate on 630 meters in a confined area. Designed to be centered above a horizontal groundplane, this antenna is amazingly compact and lightweight, making it simple to set up, take down, transport and store. Its inductively center-loaded, base-fed design and capacitive top hat yield excellent efficiency given its compact size.</p>
Specifications	<p>Type: LF base, vertical, whip, omnidirectional.</p> <p>Feedpoint Impedance: 20-33 ohms with 25'-10' radius groundplanes, respectively.</p> <p>Matching: Transmission line transformer may be used to match impedance for best efficiency.</p> <p>Efficiency: up to 2.5 %.</p>

*Please be aware that all products we describe here are subject to availability based on our manufacturing capacity and the shipping dates. While we have made every effort to ensure the accuracy of all information, we do not accept liability for any errors or omissions and reserve the right to change these specifications without notice.*

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	Power rating (approx.): 200-watt carrier.
Specs (cont'd)	Frequency coverage: tunable 472 – 479 kHz (630-meter band).
	Operating height AGL: 24' nominal.
	Assembled length: 21.54'.
	Element diameters: base: 1.5"; coil: 3.75"; midtip/tip: 1.5"/1.0".
	Capacitive hat: 120" diameter (maximum).
	Breakdown: 4 pieces plus 6-element capacitive top hat, longest element 94".
	Tuning adjustments: capacitive top hat diameter (spoke length).
	Weight: 18.9 lbs.
	Material: aluminum (anodized), fiberglass reinforced PVC.
	Hardware: stainless steel.
	Feed line connector: ¼" screw stud.
	Mounting type recommended: 1.5" Insulated, block mounts.
	Mounting format: top of mast or pole.
	Mounting structure: 4" 4x4 wood post (typical).
	Wind surface area: 3.15 square feet.
	Wind survivability rating: 140 mph guyed; 100 mph unguyed (48" mount separation).
	Bandwidth: 3 kHz (3:1 SWR); 2 kHz (2:1 SWR).
	<b>Optional Accessories:</b>
	<ul style="list-style-type: none"> <li>• <a href="#">THEMATCHBOX Impedance Matching Transformer</a></li> <li>• <a href="#">Preassembled Groundplanes</a></li> <li>• <a href="#">Insulator Mounts</a></li> <li>• <a href="#">Lightning Arrestor &amp; Grounding Enclosure</a></li> <li>• Guying Kits, Stands/Masts and Coaxial Cable</li> </ul>

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