

HF MULTIBAND BEAM

10 - 20 Meters

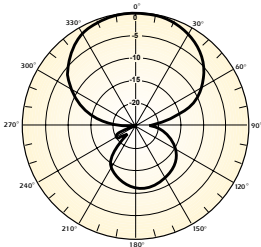


The Director, Small Footprint-Big Signal



MA5B. Cushcraft's newest multiband HF antenna provides 5 band directivity in a package small enough to mount to a tripod. The MA5B is a design that does not sacrifice ruggedness, performance and power handling for size and ease of installation.

- *I am delighted with the performance compared with other HF antennas I have been using!*
Bob Swannell, MOBYA
- *Thank you for making a fine quality, powerful mini beam that can fit anyones budget.*
Phil West, KF2WL



High Front To Back Ratio
On 10/15/20m

SPECIFICATIONS	MA5B					
Frequency, MHz	10	12	15	17	20	Meters
Elements	2	1	2	1	2	per band
Gain	5.3	1.0	4.8	1.0	3.6	dBi
Front to Back Ratio	10	0	12	0	22	dB
Sidelobe Attenuation	25	25	25	25	25	dB
VSWR 2:1 Bandwidth	665	>110	255	>100	90	kHz
Longest Element	17.1ft (5.2m)					
Turning Radius	8.8ft (2.7m)					
Boom Length	7.3ft (2.2m)					
Boom Diameter	1.5in (3.8cm)					
Max. Wind Surface Area	3.22 ft ² (3m ²)					
Max. Power Handling	1.2 kw					
Weight	26.5 lbs. (12kg)					

- **Easy To Tune**
No complicated gamma matches to adjust.
- **Low VSWR**
Flat response across all 5 bands. VSWR minimum 1.2:1.
- **Single Feed Point**
Only one coaxial feed line is necessary for all 5 bands.
- **Rugged Construction**
Cushcraft's tried and true stainless steel mounting hardware and heavy wall aluminum tubing make for a rugged, long lasting antenna.
- **Easy To Turn**
With a boom length of 7 feet and a longest element length of 17 feet, a lightweight TV rotor will do the trick.