

Radiowavz

Sentinel Hex Beams

Single Bands

- 20m \$450
- 17m \$400
- 15m \$350
- 12m \$179
- 11m \$145
- 10m \$150
- 6m \$129

Dual Band

- 20m, 10m \$475
- 10m, 6m \$250

Multiband

- 15m, 12m, 10m, 6m \$550
- 20m, 15m, 10m, 6m \$600
- 20m, 17m, 15m, 12m, 10m, 6m \$650

The Radiowavz Sentinel Hexagonal Beam antenna Product line

It took us three years, but we've designed the lightest, most versatile, performance oriented, and least expensive Hex Beam on the open market. Built from hand selected components for optimum performance, low SWR and elevated gain with optimum take-off and reception, the Sentinel Hex Beam stands alone in performance and price comparability. Made in the USA, the Sentinel Hex Beam series of Amateur radio antennas are built to stay together; providing you years of solid operation on the band(s) of your choice, in any weather conditions. You'll be amazed as the difference when you put a Sentinel in, and on, the air. Punching through has never been easier with a Sentinel. Our Hex Beams take radio operation, and communication, to the next level. You'll be amazed at what a wire antenna can really do when you purchase a Sentinel Hex Beam Antenna.

Sentinel Hex Beams are directional antennas that provide great performance with reduced size, and weight.

The Sentinel is designed from the ground up. All parts that go in making the hexagonal beam antenna are specifically crafted for each function. Every antenna is hand crafted and easy to assemble. All elements are premeasured and normally ready to use.

The Sentinel Family

Single Band Hex Beams

20meter Single band \$450

The **Sentinel** series single band hex beam consists of two elements. The driven element is in the shape of an "W" and the reflector element is wrapped around the four spreaders to the back. The elements, instead of using tubes we use wire.

SENTINEL SERIES SPECIFICATIONS:

- Coverage 20m, Gain 6.1 dBi
- Front/Back Peak > 20dB
- VSWR Less than 2:1
- Turn Radius 10.8 Ft
- Diameter of Beam 21.6 Ft
- Height of Beam 39"
- Weight 12 lbs
- Wind Load Area < 5 sq ft
- Power handling full legal limit

17meter Single band \$400

The **Sentinel** series single band hex beam consists of two elements. The driven element is in the shape of an "W" and the reflector element is wrapped around the four spreaders to the back. The elements, instead of using tubes we use wire.

SENTINEL SERIES SPECIFICATIONS:

- Coverage 17m, Gain 6.1 dBi
- Front/Back Peak > 20dB
- VSWR Less than 2:1
- Turn Radius 8 Ft
- Diameter of Beam 16 Ft
- Height of Beam 24"
- Weight 9 lbs
- Wind Load Area < 5 sq ft

- Power handling full legal limit

15meter Single band \$225

The **Sentinel** series single band hex beam consists of two elements. The driven element is in the shape of an “W” and the reflector element is wrapped around the four spreaders to the back. The elements, instead of using tubes we use wire.

SENTINEL SERIES SPECIFICATIONS:

- Coverage 15m, Gain 6.1 dBi
- Front/Back Peak > 20dB
- VSWR Less than 2:1
- Turn Radius 7 Ft
- Diameter of Beam 14 Ft
- Height of Beam 10”
- Weight 7 lbs
- Wind Load Area < 4 sq ft
- Power handling full legal limit

12meter Single band \$179

The **Sentinel** series single band hex beam consists of two elements. The driven element is in the shape of an “W” and the reflector element is wrapped around the four spreaders to the back. The elements, instead of using tubes we use wire.

SENTINEL SERIES SPECIFICATIONS:

- Coverage 12m, Gain 6.1 dBi
- Front/Back Peak > 20dB
- VSWR Less than 2:1
- Turn Radius 6 Ft
- Diameter of Beam 12Ft
- Height of Beam 10”
- Weight 6 lbs
- Wind Load Area < 3 sq ft
- Power handling full legal limit

11meter (CB) Single band \$145

The **Sentinel** series single band hex beam consists of two elements. The driven element is in the shape of an “W” and the reflector element is wrapped around the four spreaders to the back. The elements, instead of using tubes we use wire.

SENTINEL SERIES SPECIFICATIONS:

- Coverage 11m, Gain 6.1 dBi
- Front/Back Peak > 20dB
- VSWR Less than 2:1
- Turn Radius 7 Ft
- Diameter of Beam 14 Ft
- Height of Beam 10"
- Weight 6 lbs
- Wind Load Area < 4 sq ft
- Power handling full legal limit

10meter Single band \$150

The **Sentinel** series single band hex beam consists of two elements. The driven element is in the shape of an "W" and the reflector element is wrapped around the four spreaders to the back. The elements, instead of using tubes we use wire.

SENTINEL SERIES SPECIFICATIONS:

- Coverage 10m, Gain 6.1 dBi
- Front/Back Peak > 20dB
- VSWR Less than 2:1
- Turn Radius 6 Ft
- Diameter of Beam 12 Ft
- Height of Beam 10"
- Weight 6 lbs
- Wind Load Area < 3sq ft
- Power handling full legal limit

6meter Single band \$129

The **Sentinel** series single band hex beam consists of two elements. The driven element is in the shape of an "W" and the reflector element is wrapped around the four spreaders to the back. The elements, instead of using tubes we use wire.

SENTINEL SERIES SPECIFICATIONS:

- Coverage 6m, Gain 6.1 dBi
- Front/Back Peak > 20dB
- VSWR Less than 2:1
- Turn Radius 3Ft
- Diameter of Beam 6 Ft

- Height of Beam 8"
- Weight 2.5 lbs
- Wind Load Area < 3sq ft
- Power handling full legal limit

Sentinel Multiband Hexagonal Beam Antenna

The Sentinel series Multi band hex beam consists of two elements. The driven element is in the shape of an "W" and the reflector element is wrapped around the four spreaders to the back. The elements, instead of using tubes we use wire. This reduces the need for a heavy supporting structure. The supporting structure consists of six flexible fiberglass arms attached to a base. The arms form a hexagonal shape hence the name "hexagonal beam".

Features:

- Single Band
- Low SWR
- No tuning required, just plug and play
- Improved broad band response over original hex beam design
- Performs well at lower heights
- Handles full legal limit of power
- Small physical foot print
- Light enough for a push up mast
- Symmetrical shape withstands wind better

20m, 10m. Dual Band \$475

Specifications

- Gain Peak Approx 5.5 dBi
- Front/Back Peak > 20dB
- VSWR Less than 2:1 across nearly all bands
- Turn Radius 11 Ft
- Diameter of Beam 22 Ft
- Height of Beam 38" from base to top of center post
- Weight 13 lbs
- Wind Load Area < 5 sq ft
- Power Handles full legal limit

10m, 6m. Dual Band \$250

Specifications

- Gain Peak Approx 5.5 dBi

- Front/Back Peak > 20dB
- VSWR Less than 2:1 across nearly all bands
- Turn Radius 7 Ft
- Diameter of Beam 14 Ft
- Height of Beam 12" from base to top of center post
- Weight 9 lbs
- Wind Load Area < 5 sq ft
- Power Handles full legal limit

15m, 12m, 10m, 6m. Dual Band \$450

Specifications

- Gain Peak Approx 5.5 dBi
- Front/Back Peak > 20dB
- VSWR Less than 2:1 across nearly all bands
- Turn Radius 7 Ft
- Diameter of Beam 14 Ft
- Height of Beam 12" from base to top of center post
- Weight 9 lbs
- Wind Load Area < 5 sq ft
- Power Handles full legal limit

20m, 15m, 10m, 6m. Dual Band \$550

Specifications

- Gain Peak Approx 5.5 dBi
- Front/Back Peak > 20dB
- VSWR Less than 2:1 across nearly all bands
- Turn Radius 11 Ft
- Diameter of Beam 22 Ft
- Height of Beam 38" from base to top of center post
- Weight 9 lbs
- Wind Load Area < 5 sq ft
- Power Handles full legal limit

20m, 17m, 15m, 12m, 10m, 6m. Dual Band \$650

Specifications

- Gain Peak Approx 5.5 dBi
- Front/Back Peak > 20dB
- VSWR Less than 2:1 across nearly all bands
- Turn Radius 11 Ft
- Diameter of Beam 22 Ft
- Height of Beam 38" from base to top of center post
- Weight 9 lbs
- Wind Load Area < 5 sq ft
- Power Handles full legal limit