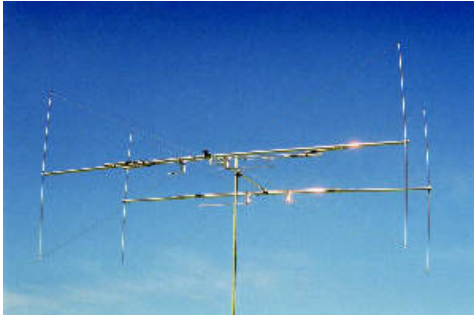




270-20 Model HF5B Five Band Butterfly Beam Antenna

Five popular HF bands 20, 17, 15, 12 and 10 meters in a rotatable, two element beam? No traps? YES! Butternut's innovative HF5B offers exactly that! Especially designed for the amateur with limited space, it offers significant improvement over omni-directional antennas, with useful forward gain and good front-to-side and front-to-back rejection of QRM.



Wingspan: 12 ft. 6 in. (3.8 m)

Boom Length: 6 ft. (1.8 m)

Turning Radius: 6 ft. 11 in. (2.1 m)

Vertical Spreaders: 6 ft. (1.8 m)

Shipping weight: 22 lbs. (10 kg)

Feed Point Impedance: Nominal 50 ohms. Includes RF connector for direct connection to any length feed line terminated in PL-259

VSWR at Resonance: 1.5:1 or less

Power rating: 500 watts CW/1200 watts PEP SSB input to the final.

Wind loading: 3 ft² (.3 m²)

Unguyed Wind Survival: 80 mph (129 kph)

Bandwidth for VSWR of 10 m - 1.5 MHz

2:1 or less: 12 m - entire band

15 m - entire band

17 m - entire band

20 m - 200 kHz

Gain: 3+ dBd 20 m, up to 5 dBd on all other bands except 17 m which acts as a rotary dipole

Front-to-back: up to 20 dB

Front-to-side: up to 30 dB

Minimum height above ground: 30 ft. (9.1 m)

Accepts up to a 1-1/2 in (38.1 mm) mast. Light enough to be turned with a TV rotator.