|  |  |
| --- | --- |
| **UHF CORNER REFLECTOR** | **380-430 MHz** |

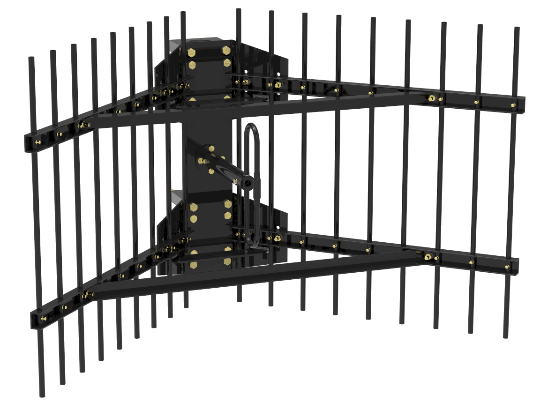


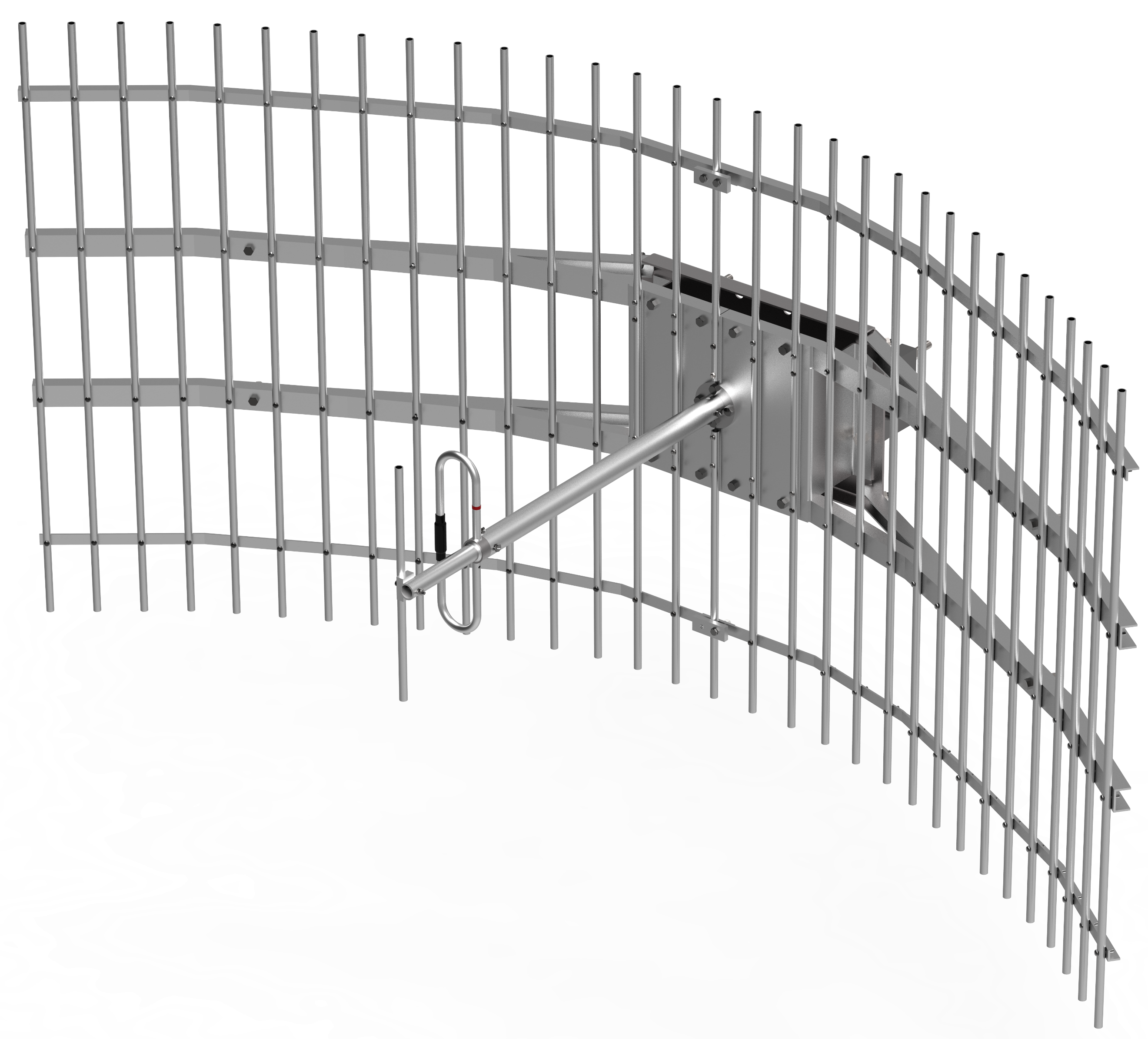
**440-70-HDBP\*3**

The 440-70-HDBP\*3 is Heavy Duty, Black Anodized, Low PIM Corner Reflector Antenna. This antenna has a very high front-to-back ratio. It is broadband and is ideal for point-to-point applications. Performance is constant throughout the band. The antenna has a rugged design to withstand harsh environmental conditions.

* The mounting hardware supplied will permit either vertical or horizontal polarization
* DC ground for lightning protection

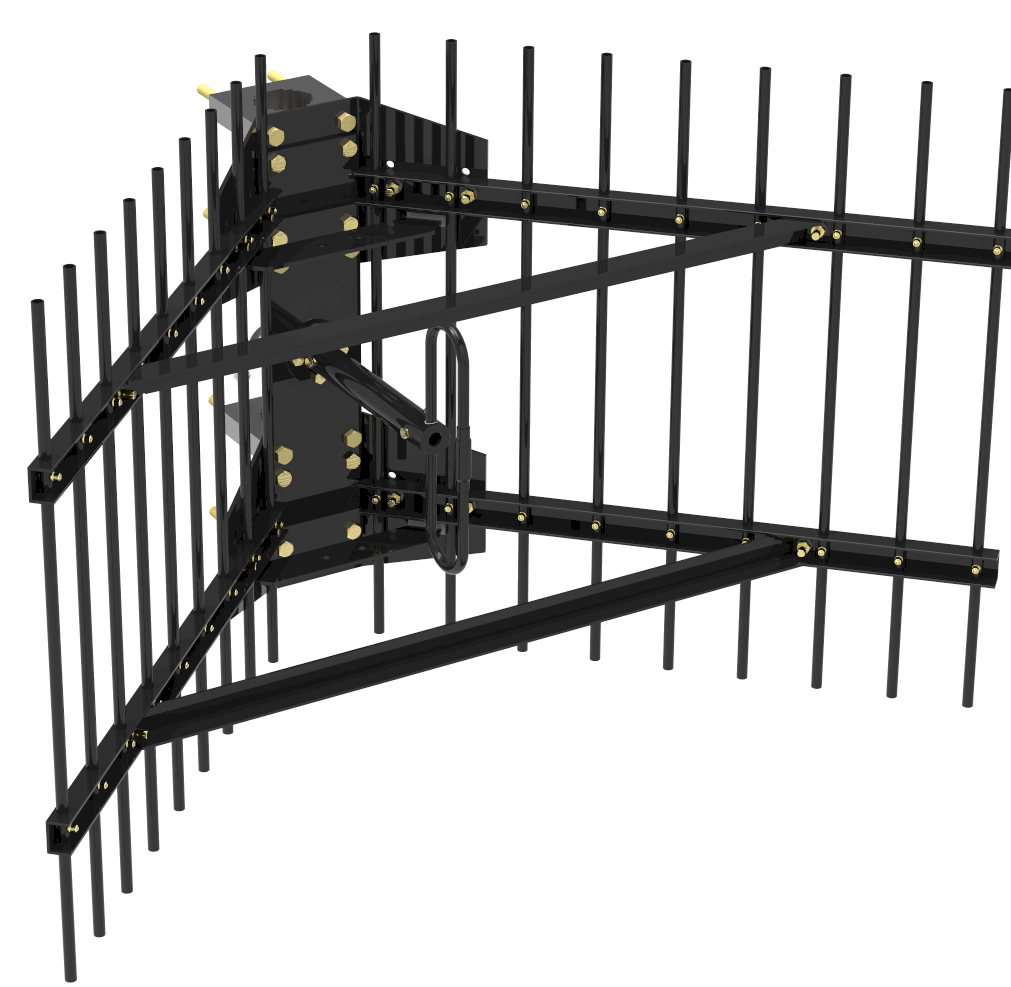
|  |  |
| --- | --- |
| **Electrical Specifications** | **440-70-HDBP\*3** |
| Frequency Range, MHz (in splits) | 380-430 |
| Nominal Gain, dBd | 9.5 |
| Bandwidth: 1.5:1 VSWR, MHz | 50 |
| Polarization | Vertical or horizontal |
| Horizontal Beamwidth (Vert. Pol.) | 60º |
| Vertical Beamwidth (Vert. Pol.) | 45º |
| Front to Back, dB | 25 |
| Pattern | Directional |
| Power Rating, Watts | 100 |
| Nominal Impedance, Ohms | 50 |
| PIM | 150 dBc; 2 x 20W carriers |
| Lightning Protection | DC Ground |
| Standard Termination | DIN 7/16 male, 4.3/10 available upon request |
| **Mechanical Specifications** | **440-70-HDBP\*3** |
| Length, in (mm) | 30 (762) |
| Width, in (mm) | 50 (1270) |
| Weight, lbs. (kg) | 36 (16) |
| Rated Wind Velocity, No Ice, mph (km/h) | 135 (217) |
| Rated Wind Velocity, 0.5” (13mm) ice, mph (km/h) | 95 (153) |
| Lateral Thrust @ 100 mph, wind, lbs. (kg) | 210 (934) |
| Projected Area, ft² (m²) | 3.6 (0.34) |
| Mounting Hardware Included | 172-85 Clamp |





440-70-HDBP\*3

|  |  |
| --- | --- |
| **UHF CORNER REFLECTOR** | **380-430 MHz** |



440-70-HDBP\*3

440-70