



### 4-ft (1.2) – 6-ft (1.8) - Standard & High Performance Mechanical Specifications

| Ref. | Antenna Size                          | 4-ft                | (1.2)                     | 6-ft                | (1.8)                     |
|------|---------------------------------------|---------------------|---------------------------|---------------------|---------------------------|
| A    | Mount Length                          | 24.3                | (615)                     | 24.3                | (615)                     |
| B    | Pivot Point                           | 10.5                | (265)                     | 10.5                | (265)                     |
| C    | Centerline Offset                     | 5.0                 | (125)                     | 5.0                 | (125)                     |
| D    | Mount Strut (horizontal)              | 20.9 <sup>(4)</sup> | (530)                     | 20.9                | (530)                     |
| E    | Mount Strut (Pivot Point Vertical)    | 6.9 <sup>(4)</sup>  | (175)                     | 6.9                 | (175)                     |
| F    | Fixed Side Strut (horizontal)         |                     | N/A                       | 31.5 <sup>(4)</sup> | (800)                     |
| G    | Antenna Centerline (above shear-stop) | 14.6                | (370)                     | 14.6                | (370)                     |
| H    | Reflector Length                      | 21.6                | (550)                     | 29.5                | (750)                     |
| J    | Shroud Length (short)                 | 19.5                | (495)                     | 25.7                | (655)                     |
|      | (long)                                | 25.9                | (660)                     | 32.7                | (830)                     |
| K    | Antenna Diameter                      | 53.0                | (1345)                    | 77.5                | (1970)                    |
| L    | Radome Length (Std. Antenna)          | 23.0                | (585)                     | 29.0                | (735)                     |
| N    | Mount Strut (depth)                   | 7.7                 | (195)                     | 7.7                 | (195)                     |
| P    | Reflector Vertex                      | 13.3                | (340)                     | 13.7                | (350)                     |
| Q    | Mast Diameter                         | 4.5 <sup>(1)</sup>  | (115)                     | 4.5 <sup>(1)</sup>  | (115)                     |
|      | Struts Supplied (adjustable)          |                     | optional                  |                     | 1                         |
|      | Struts Supplied (fixed)               |                     | optional                  |                     | optional                  |
|      | Azimuth Adjustable Range fine         |                     | +/-5°                     |                     | +/-5°                     |
|      | Elevation Adjustment Range            |                     | +50° / -5° <sup>(2)</sup> |                     | +50° / -5° <sup>(2)</sup> |
|      | NET Weight – Standard                 | 100                 | (45)                      | 160                 | (75)                      |
|      | NET Weight – High Performance         | 200                 | (90)                      | 315                 | (145)                     |

(1.) Optional Mast Clamp Kits are available for other mast diameters.

(2.) Invert mount for +5° / -50° elevation range.

(3.) Offset left or right without inverting mount.

(4.) Optional strut location.

(5.) For greater than 40° elevation on a 6-ft (1.8) antenna, mast must not extend beyond 18-inches (457 mm).