

790 Series Enclosed Dipoles with Reflector

The 790 Series Enclosed Dipoles with Reflector are available in 2, 4, or 8 dipole configurations. These antennas can be adjusted from 60° to 160°. All our antennas can be completely customized to your particular applications.

- These antennas have 1/4 wave spacing to the reflector.
- Broadband antennas are ideal for trunking or cellular applications.
- Reflector is field adjustable and has 5 positions: 60°, 90°, 105°, 130° and 160°.
- Weatherproof radome to ensure continuous service during severe environmental conditions.
- Heavy-duty versions are available. Please contact our Technical Support team for consultation.

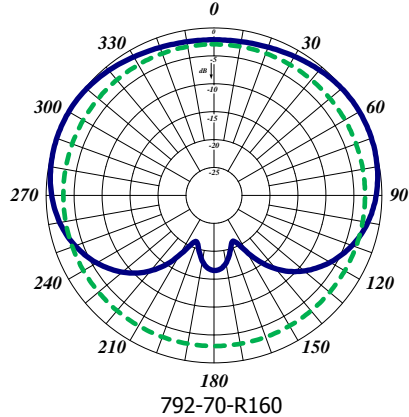
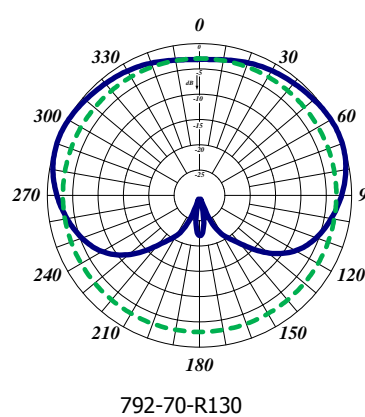
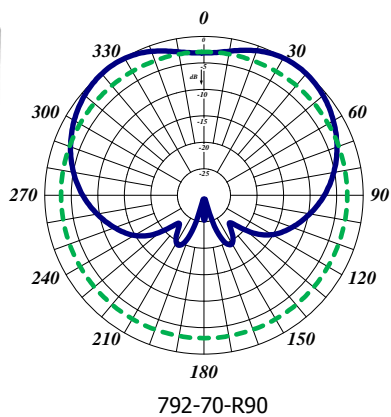
| Electrical Specifications | 792-70-R | 794-70-R | 799-70-R |
|---------------------------|-------------|-------------|-------------|
| Frequency Range, MHz | 746-960 | 746-960 | 746-960 |
| Nominal Gain, dBd | Up to 8.0 | Up to 13.5 | Up to 15.0 |
| Number of Dipoles | 2 | 4 | 8 |
| Bandwidth 1.5:1 VSWR, MHz | 150 | 150 | 150 |
| Polarization | Vertical | Vertical | Vertical |
| Pattern | Directional | Directional | Directional |
| Power Rating, Watts | 150 | 300 | 500 |
| Nominal Impedance, Ohms | 50 | 50 | 50 |
| Lightning Protection | DC Ground | DC Ground | DC Ground |
| Standard Termination | Type N Male | Type N Male | Type N Male |



794-70-R

| Mechanical Specifications | 792-70-R | 794-70-R | 799-70-R |
|---|-------------------|-------------------|-------------------|
| Length, in (mm) | 22 (559) | 44.5 (1130) | 94.5 (2395) |
| Width (1/4 Wave Spacing), in (mm) | 25 (635) | 25 (635) | 25 (635) |
| Weight, lbs. (kg) | 16.5 (7.5) | 24 (10.9) | 42 (19) |
| Rated Wind Velocity, No Ice, mph (km/h) | 100 (162) | 100 (162) | 100 (162) |
| Rated Wind Velocity, 0.5" (13mm) ice, mph (km/h) | 85 (137) | 85 (137) | 85 (137) |
| Lateral Thrust @ 100 mph, wind, lbs. (kg) | 57(26) | 115 (52) | 243 (110) |
| Projected Area, ft ² (m ²) | 2.0 (0.19) | 4.3 (0.40) | 9 (0.84) |
| Mounting Information | 1.5-2.88" O.D. | 1.5-2.88" O.D. | 1.5-2.88" O.D. |

| Order Information | 746-896MHz | 806-960MHz |
|-------------------|------------|------------|
| 792-70-R | 792-70-R*1 | 792-70-R*2 |
| 794-70-R | 794-70-R*1 | 794-70-R*2 |
| 799-70-R | 799-70-R*1 | 799-70-R*2 |



Call for additional patterns

