

### 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 of our antennas can be completely customized to your particular applications.

- 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 Comprod Inc. Technical support technician for consultation.

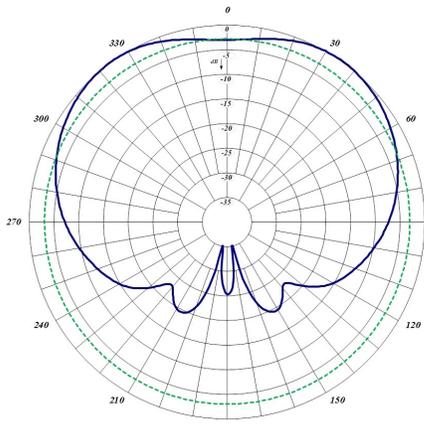
794-70R



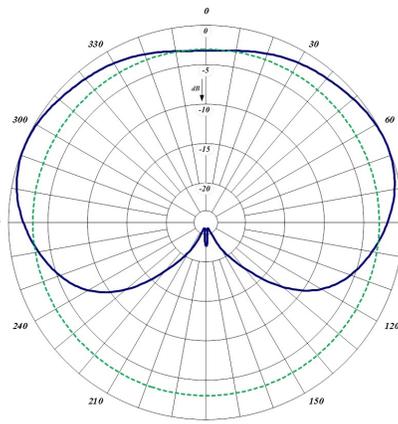
Electrical Specifications	792-70R	794-70R	798-70R
Frequency Range, MHz	746-960	746-960	746-960
Nominal Gain, dBd	Up to 8.0	Up to 13.5	Up to 15.0
Number of Dipoles	2	4	8
Bandwidth 1.5:1 VSWR, MHz	150	150	150
Polarization	Vertical	Vertical	Vertical
Pattern	Directional	Directional	Directional
Power Rating, 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

Mechanical Specifications	792-70R	794-70R	798-70R
Length, in (mm)	22 (559)	44.5 (1130)	94.5 (2395)
Width(1/2 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 <sup>2</sup> (m <sup>2</sup> )	2.0 (0.19)	4.3 (0.40)	9 (0.84)
Mounting Information (Clamps included)	1.5-2.88" O.D.	1.5-2.88" O.D.	1.5-2.88" O.D.

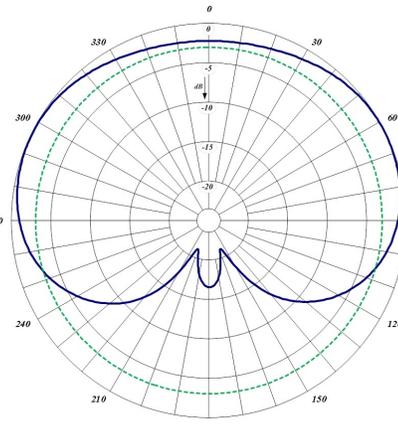
Order Information	746-896MHz	806-960MHz
792-70R	792-70R*1	792-70R*2
794-70R	794-70R*1	794-70R*2
798-70R	798-70R*1	798-70R*2



792-70R90



792-70R130

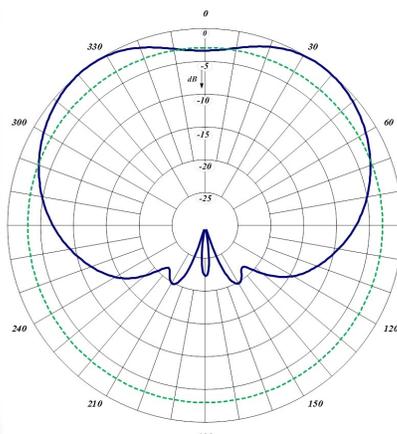


792-70R160

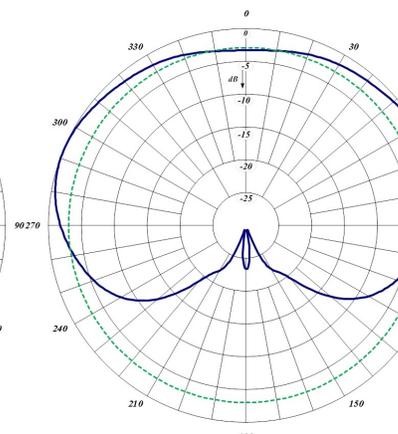
792-70R



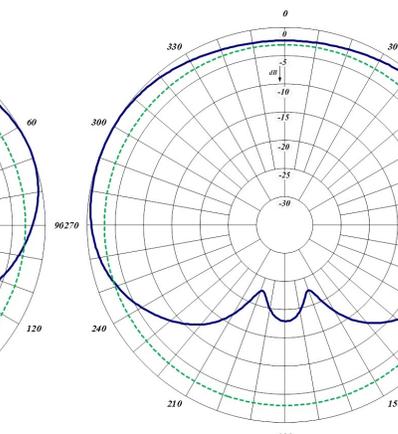
Call for additional patterns



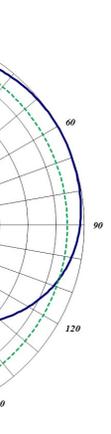
794-70R



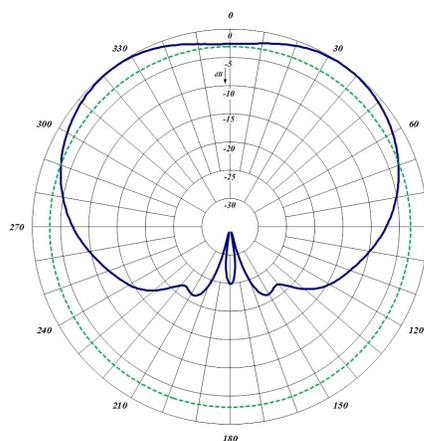
794-70R90



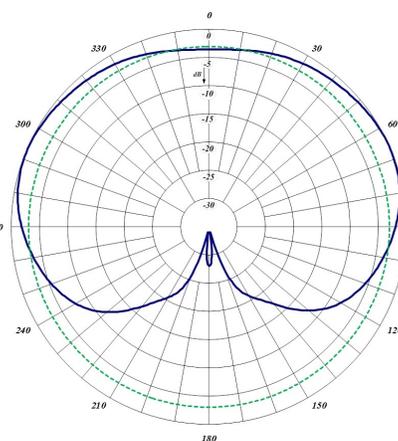
794-70R130



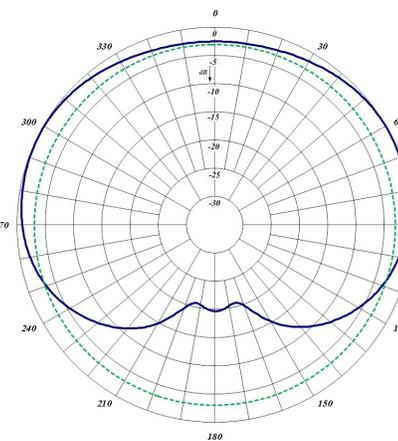
794-70R160



798-70R90



798-70R130



798-70R160

798-70R

