

774-772-70-HTP*1-1/2

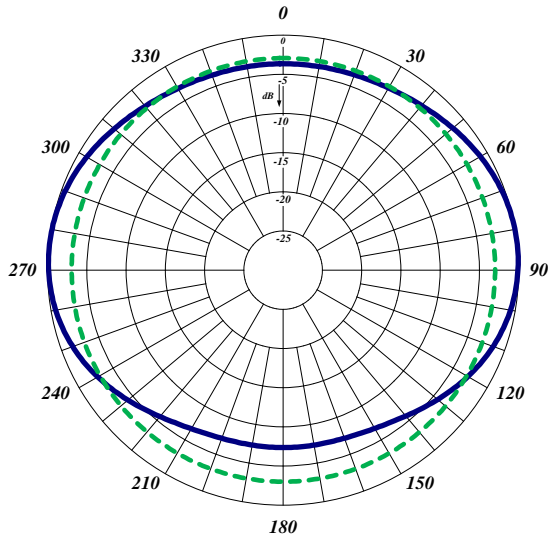
The 774-772-70-HTP*1-1/2 is a Wide Band, Low PIM and Heavy Duty Welded Antenna. It is equivalent to a 772-70 and a 774-70 antenna combined into one mast. All our antennas can be completely customized to your particular applications. Our antennas can be configured for side mount or top mount. The 774-772-70-HTP*1-1/2 antenna has internal cabling and fixed dipole-mast spacing.

- Low VSWR version with maximum gain over specified frequency.
- Antenna to antenna isolation is 30dB.
- Standard connector is 7/16 DIN-Male and optional 4.3-10 also available.

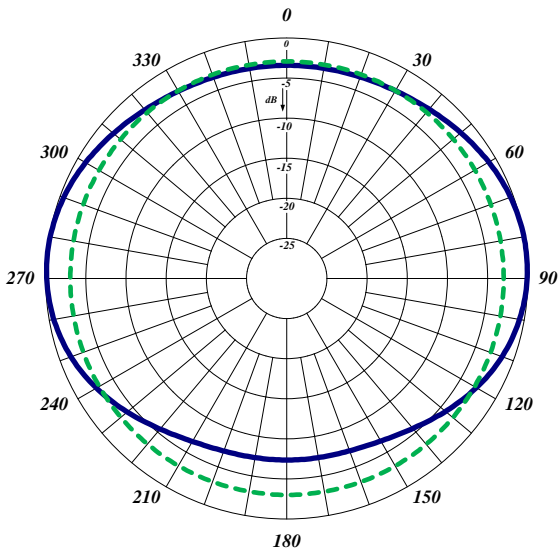
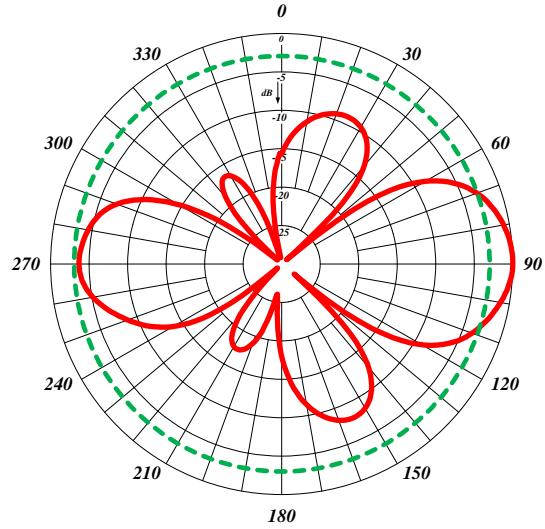
Electrical Specifications	774-772-70-HTP*1-1/2
Frequency Range, MHz	380-430
Nominal Gain, dBd	8.0-8.5 and 5.0-5.5
Number of Dipoles	1 x 4 and 1 x 2
Bandwidth 1.5:1 VSWR, MHz	106
Polarization	Vertical
Pattern	Bi-directional
Power Rating, Watts	300
Nominal Impedance, Ohms	50
Lightning Protection	DC Ground
Standard Termination	7/16 DIN-Male
PIM	150 dBc (2 x 20W carriers)
Mechanical Specifications	774-772-70-HTP*1-1/2
Length, in (mm)	210 (5334)
Width, in (mm)	17 (432)
Weight, lbs. (kg)	55 (25)
Rated Wind Velocity, No Ice, mph (km/h)	140 (225)
Rated Wind Velocity, 0.5" (13mm) ice, mph (km/h)	115 (185)
Lateral Thrust @ 100 mph, wind, lbs. (kg)	148 (658)
Bending Moment @ top clamp: 100 mph, ft*lb (N*m)	644 (873)
Projected Area, ft ² (m ²)	5,3 (0.49)
Mounting Information Mast O.D. (mm)	2.88" (73)



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772-70-HTP*1-1/2 Half-wave Spacing



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