

(3)772-70HSP40*1-1/2

The (3)772-70HSP40*1-1/2 is a Wide Band, Low-PIM, Heavy Duty Welded UHF Antenna. It is a broadband three dual dipole array antenna designed for multicoupled systems. Our antennas can be configured for side mount or top mount. This antenna is configured for side mount. The (3)772-70HSP40*1-1/2 antenna has internal cabling and fixed dipole-mast spacing.

- This antenna is 1/2 wavelength spacing offering bi-directional radiation pattern.
- Standard connector is 7/16 DIN-Male, 4.3-10 connector is also available.

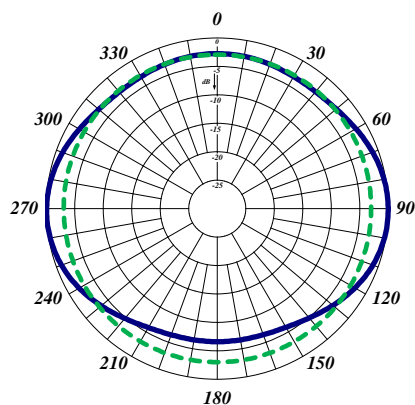
Electrical Specifications	(3)772-70HSP40*1-1/2
Frequency Range, MHz	380-430
Nominal Gain, dBd	5.0-5.5
Number of Dipoles	3 sets of 2
Isolation, dB	40
Bandwidth 1.5:1 VSWR, MHz	26
Polarization	Vertical
Vertical Beamwidth (vert.pol.) Degrees (°)	34
Pattern	Bi-directional
Power Rating, Watts	150
Nominal Impedance, Ohms	50
Lightning Protection	DC Ground
Standard Termination	Type 7/16 DIN- Male
PIM	150 dBc (2 x 20W carriers)
Mechanical Specifications	(3)772-70HSP40*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. (N)	148 (658)
Bending Moment @ top clamp: 100 mph, ft.*lb (kg*m)	644 (873)
Projected Area, ft ² (m ²)	5.5 (0.51)
Mounting Information: Mast O.D. (mm)	2.88 (73)



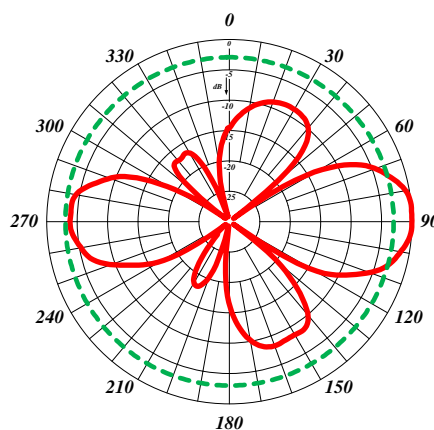


UHF EXPOSED DIPOLES

380-430 MHz



Half-wave Spacing
Horizontal



Half-wave Spacing
Vertical

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