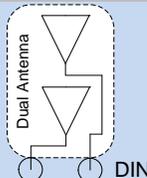
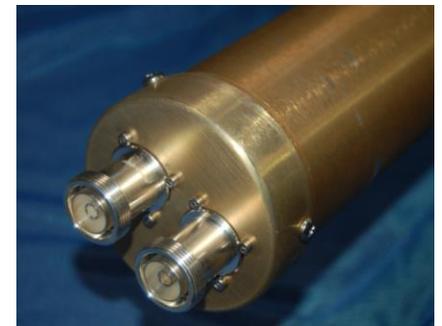


UHF Dual Antenna, Omni, Low-PIM, Hi-PIP, 5.9 dBd Models DS4A06P36D-D (upright) and DS4A06P3ID-D (inverted mount)

Specifications	
Design Type	True Corporate Feed Dual
Frequency Range	406-436 MHz
Passive Intermodulation – PIM (2 x 20W sources)	-150 dBc, 3 rd Order
Bandwidth	20 MHz
Gain - dBd (average over BW)	5.9 dBd
Isolation (typical)	45 dB
Beam Tilt**	1°
Vertical Beamwidth (E-Plane)	15°
Null fill and upper sidelobe supp.**	Yes
Impedance -- Ohms	50
VSWR / Return Loss -- dB	1.5 : 1 / 14 dB (min.)
Average Power Rating	500 W (each antenna)
Peak Instantaneous Power	25 kW (each antenna)
Polarization	Vertical
Lightning Protection	Direct Ground
Connector	7/16 DIN female (2)
Equivalent Flat-Plate Area	3.5 sq. ft.
Lateral Windload Thrust @100mph	147 lbf.
Rated Wind Speed	>125 mph (without ice)
Total Length	21 feet
Mounting Mast Length	35 inches
Mounting Hardware (included)	DSH3V4N
Mast O.D.	3.5 inches
Radome color	Horizon Blue
Weight (approx.)	65 lbs.
Shipping Weight (approx.)	95 lbs.
Configuration: Dual, "Two antennas in one" **NOTE: Model DS4F06P36D-D is NON-INVERTABLE due to optimized radiation patterns	



Features and Benefits

Dual antenna configuration saves overall cost – allows two antennas in one tower slot.

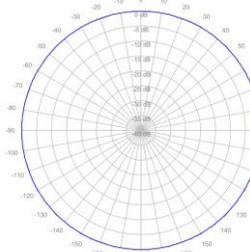
High RF isolation between the independent antennas provides greater system performance and interference protection!

Tested to stringent Peak Instantaneous Power (PIP) levels of 25 KW using dbSpectra's 12-channel P25 PIP test bed. High PIP level is demanded by today's digital systems.

PIM Rated Design – better than -150 dBc

Radiation Patterns:

Horizontal



Vertical (No Tilt)

