

Environmental

- Operating Temp. -40° to 70°C (-40° to 158°F)
- Designed to meet MIL-STD 810G
- Color RAL 7046, Battleship Gray

Electrical

- Impedance 50 Ohms
- Cross Pol Rejection 20 dB

Electrical

	Model Name NATO Stock Number	Gain dBic	Polarization	HPBW °	Axial Ratio dB	Front/Back Ratio	VSWR Max	Connector	Max Input Power W
240-320 MHz	H-084	13.1	RHCP	46	1.2	28.8	1.5:1	N Female	500
	H-104	13.4	RHCP	41	1.0	30.8	1.5:1	N Female	500
	H-124 5985-01-476-0720	15.0	RHCP	41	0.8	29.8	1.5:1	N Female	500
225-400 MHz	H-064A	11.9	RHCP	48	1.2	29.1	1.5:1	N Female	500
	H-084A 5985-01-587-3790	12.8	RHCP	52	1.1	29.0	1.5:1	N Female	500
300-520 MHz	H-065	12.3	RHCP	43	1.1	27.9	1.5:1	N Female	500
	H-065-HN	12.3	RHCP	43	1.1	27.9	1.5:1	HN Female	1000
	H-065-L	12.3	LHCP	43	1.1	27.9	1.5:1	N Female	500
	H-065-L-HN	12.3	LHCP	43	1.1	27.9	1.5:1	HN Female	1000
	H-085	13.2	RHCP	40	0.9	28.7	1.5:1	N Female	500
	H-085-L	13.2	LHCP	40	0.9	28.7	1.5:1	N Female	500
	H-105	13.5	RHCP	37	0.8	29.7	1.5:1	N Female	500
	H-105-HN	13.5	RHCP	37	0.8	29.7	1.5:1	HN Female	1000
	H-105-L-HN	13.5	LHCP	37	0.8	29.7	1.5:1	HN Female	1000

Mechanical

	Model Name NATO Stock Number	Wind Area (sq. ft)		Wind Load (ft-lbs)		Survival Rating	Length in (cm)	Helical Dia. in (cm)	Ground Plane Dia. in (cm)	Weight lbs (kg)
		No Ice	1/2" Radial Ice	*No Ice	**1/2" Radial Ice	***No Ice (mph)				
240-320 MHz	H-084	2.5	5.6	344	223	150	112.0 (284.5)	13.4 (34.0)	35.0 (89.0)	36.0 (16.3)
	H-104	3.1	7.1	530	344	150	134.0 (340.4)	13.4 (34.0)	35.0 (89.0)	44.0 (20.0)
	H-124 5985-01-476-0720	3.8	8.5	755	491	150	155.0 (393.7)	13.4 (34.0)	35.0 (89.0)	49.0 (22.2)
225-400 MHz	H-064A	2.1	4.7	221	145	150	84.6 (214.9)	11.9 (30.2)	35.0 (89.0)	29.0 (13.2)
	H-084A 5985-01-587-3790	2.2	4.9	259	169	150	102.8 (261.1)	11.9 (30.2)	35.0 (89.0)	33.0 (15.0)
300-520 MHz	H-065	1.1	2.4	73	48	150	68.0 (172.7)	9.0 (22.9)	35.0 (89.0)	25.0 (11.3)
	H-065-HN	1.1	2.4	73	48	150	68.0 (172.7)	9.0 (22.9)	35.0 (89.0)	25.0 (11.3)
	H-065-L	1.1	2.4	73	48	150	68.0 (172.7)	9.0 (22.9)	35.0 (89.0)	25.0 (11.3)
	H-065-L-HN	1.1	2.4	73	48	150	68.0 (172.7)	9.0 (22.9)	35.0 (89.0)	25.0 (11.3)
	H-085	1.4	3.2	128	83	150	84.0 (213.4)	9.0 (22.9)	35.0 (89.0)	27.0 (12.3)
	H-085-L	1.4	3.2	128	83	150	84.0 (213.4)	9.0 (22.9)	35.0 (89.0)	27.0 (12.3)
	H-105	1.8	4.0	199	129	150	97.0 (246.4)	9.0 (22.9)	35.0 (89.0)	33.0 (15.0)
	H-105-HN	1.8	4.0	199	129	150	97.0 (246.4)	9.0 (22.9)	35.0 (89.0)	33.0 (15.0)
	H-105-L-HN	1.8	4.0	199	129	150	97.0 (246.4)	9.0 (22.9)	35.0 (89.0)	33.0 (15.0)

* Wind speed = 100 mph at sea level with one hundred percent humidity at seventy degrees Fahrenheit

** Wind speed = 50 mph at sea level with one hundred percent humidity at seventy degrees Fahrenheit

*** Maximum wind speed at sea level with one hundred percent humidity at seventy degrees Fahrenheit. Safety factor of 1.65 included.