

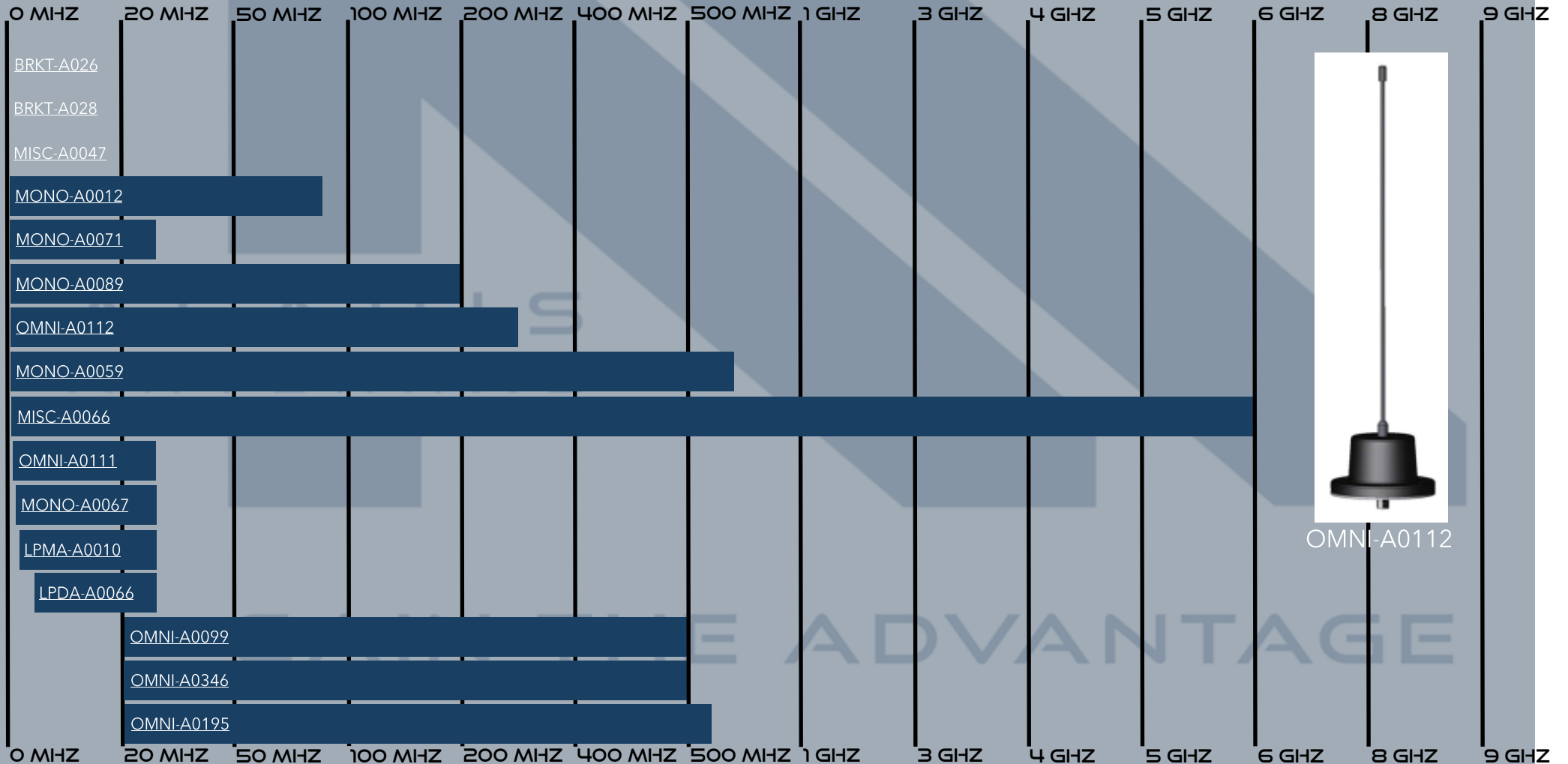


MONITORING ANTENNAS

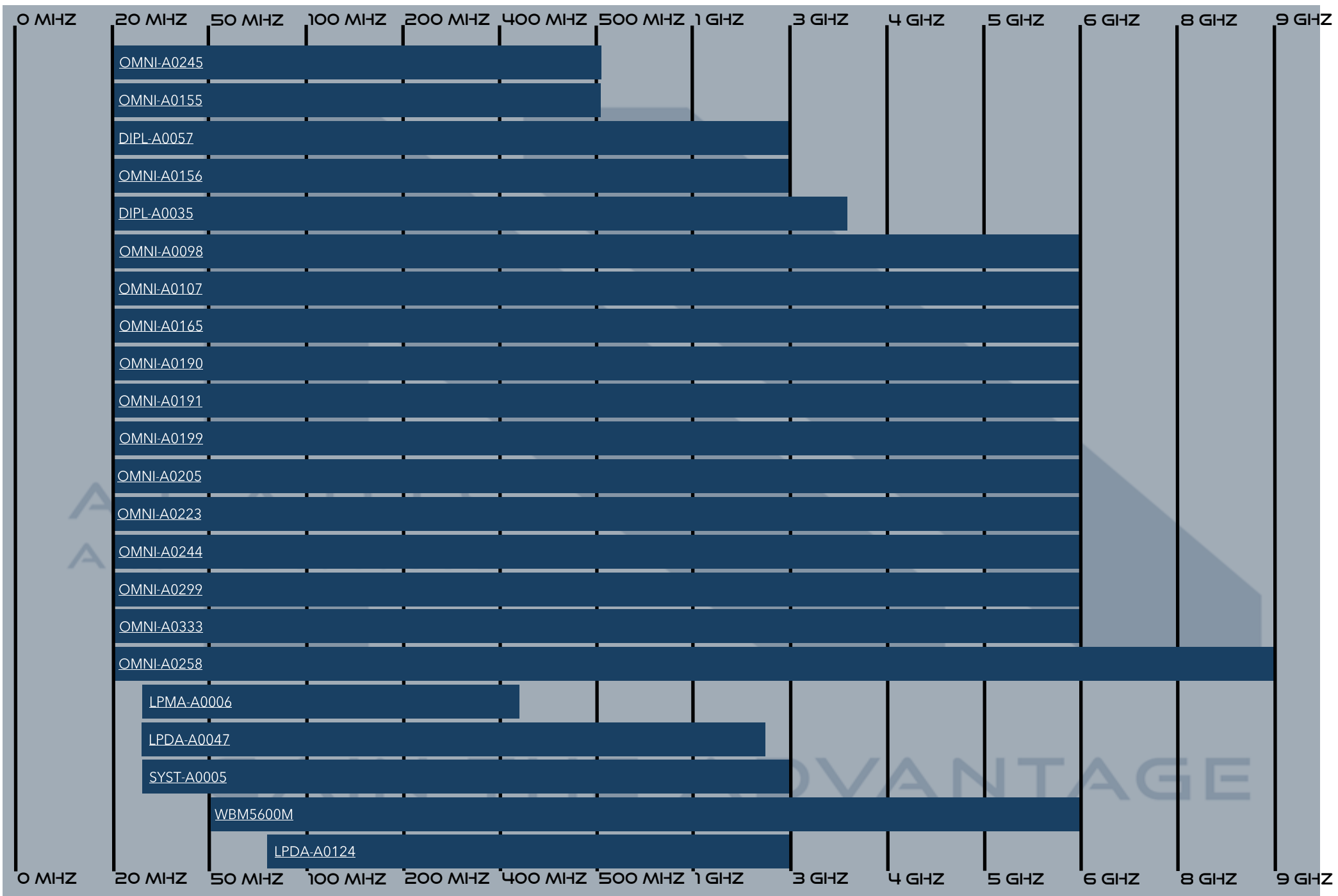


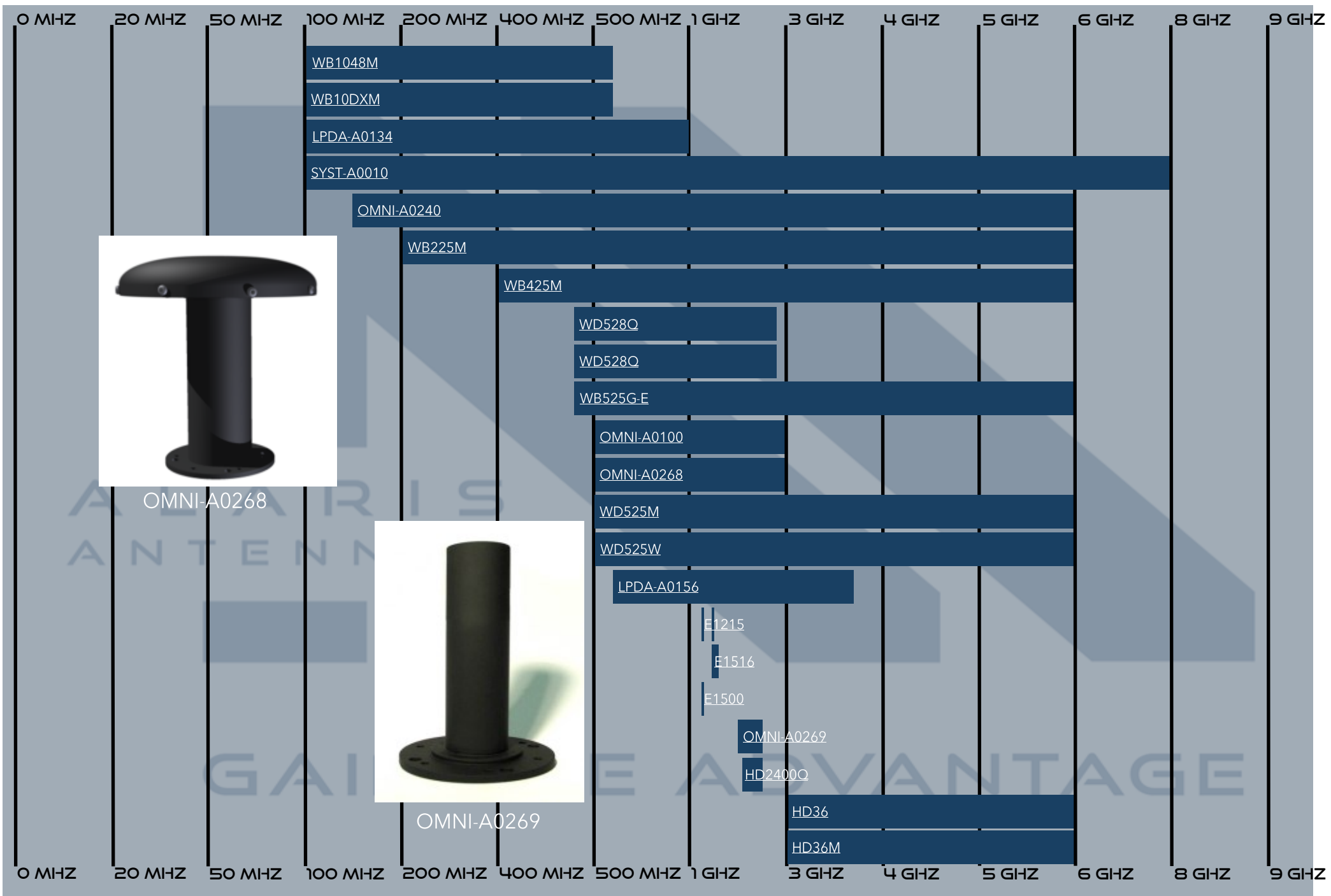
MONITORING ANTENNAS

Alaris Antennas designs and manufactures monitoring antennas for a range of applications. Monitoring antennas, whether for spectrum monitoring, general receive purposes, ITU applications or signal detection, require wideband performance, high sensitivity in their frequency range and a compact form factor. Our range includes active and passive antennas.



OMNI-A0112





OMNI-A0268



OMNI-A0269

MONITORING ANTENNAS

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
BRKT-A026	LPDA Extension Mast	-	-	-	150 mm	-	558 mm	210 mm	3 kg	-	-
BRKT-A028	Polarisation-Flipping Bracket for LPDAs	-	-	-	250 mm	-	180 mm	220 mm	2.2 kg	-	-
MISC-A0047	SYST-A0004 Mounting Support	-	-	-	350 mm	-	350 mm	350 mm	18 kg	-	-
MONO-A0012	HF Active Monopole	0.008 - 88 MHz	-	Vertical	2900 mm	150 mm	-	-	4 kg	BNC (f)	Receive Only
MONO-A0071	HF Active Monopole	0.009 - 30 MHz	-	Vertical	2900 mm	300 mm	-	-	14 kg	N-Type (f)	Receive Only
MONO-A0089	HF Monitoring Whip	0.009 - 200 MHz	-	Vertical	-	-	700 mm	-	300 g	SMA (m)	0.5 W (Receive Only)
OMNI-A0112	Active Monitoring Antenna	0.009 - 300 MHz	-	Vertical	-	140 mm	600 mm	-	< 2 kg	N-Type (f)	Receive Only
MONO-A0059	HF Monitoring Whip	0.009 - 700 MHz	-	Vertical	-	-	1142 mm	-	300 g	SMA (m)	0.5 W (Receive Only)
MISC-A0066	15 V Coaxial Power Supply	0.1 - 6000 MHz	-	-	195 mm	-	80 mm	150 mm	1.3 kg	N-Type (f)	Receive Only
OMNI-A0111	All-Mode HF Monitoring Antenna	1 - 30 MHz	-	Vertical & Circular	5000 mm	5000 mm	6000 mm	-	< 180 kg	N-Type (f)	Receive Only
MONO-A0067	HF Monitoring Monopole	1.5 - 30 MHz	See Data Sheet	Vertical	4600 mm	150 mm	-	-	6 kg	BNC (f)	Receive Only
LPMA-A0010	HF Directional Antenna	2 - 30 MHz	12.5 dBi max	Vertical	90000 mm	-	80000 mm	20000 mm	100 kg	7/16 (f)	2.5 kW
LPDA-A0066	Monitoring LPDA Antenna	5 - 30 MHz	2 to 5.5 dBi	Adjustable, Vertical & horizontal	10300 mm	-	-	20200 mm	200 kg	N-Type (f)	Monitoring Applications
OMNI-A0099	Horizontally Polarised Omni-Directional Antenna	20 - 500 MHz	See Data Sheet	Linear, Horizontal	-	2000 mm	1000 mm	-	22.5 kg	N-Type (f)	0.25 W
OMNI-A0346	Vehicle Mount VHF Monitoring Antenna	20 - 500 MHz	See Data Sheet	N/A	1500 mm	-	-	135 mm	< 1.36 kg	N/A	Receive Only
OMNI-A0195	Wideband HF/VHF/UHF Vehicle Antenna	20 - 520 MHz	See Data Sheet	Vertical	-	135 mm (Base) 35 mm (Radiator)	600 mm	-	< 2 kg	N-Type (f)	Receive Only
OMNI-A0245	Wideband HF/VHF/UHF Vehicle Monitoring Antenna	20 - 520 MHz	See Data Sheet	-	1000 mm	135 mm (Base) 37 mm (Whip)	-	-	< 1 kg	N-Type (f)	Receive Only

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0155	VHF Monitoring Antenna	20 - 520 MHz	See Data Sheet	-	1600 mm	3000 mm	-	-	3 kg	N-Type (f)	20 W
DIPL-A0057	Wideband Body Worn Monitoring Antenna	20 - 3000 MHz	1.7 dBi	Vertical	300 mm	-	-	250 mm	200 g	TNC (m)	Receive Only
OMNI-A0156	Wideband HP Active Monitoring Antenna	20 - 3000 MHz	-	Linear, Horizontal	< 500 mm	< 360 mm	-	-	3 kg	N-Type (f)	Receive Only
DIPL-A0035	GSM Vehicle-Mount High-Power Antenna	20 - 3600 MHz	See Data Sheet	Linear, Vertical	6000 mm	-	-	2000 mm	24 ± 0.5 kg	N-Type (f)	Receive Only
OMNI-A0098	Active Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Linear, Horizontal	-	350 mm	730 mm	-	< 8.5 kg	N-Type (f)	Receive Only
OMNI-A0107	Active Monitoring Antenna	20 - 6000 MHz	-	Vertical	220 mm	-	350 mm	110 mm	< 1.4 kg	N-Type (f)	Receive Only
OMNI-A0165	Active Monitoring Antenna	20 - 6000 MHz	-20 to 16 dBi	Vertical	200 mm	-	500 mm	500 mm	< 2.5 kg	N-Type (f)	Receive Only
OMNI-A0190	Compact Monitoring Antenna	20 - 6000 MHz	-	Vertical	311 mm	102 mm	-	-	1 kg	TNC (f) (standard/02) N-Type (f) (-03/04)	Receive Only
OMNI-A0191	Vertical and Horizontal Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Vertical & Horizontal	1020 mm	305 mm	-	-	16 kg	N-Type (f)	Receive Only (-01) 1 W (-02)
OMNI-A0199	Covert Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Vertical	1750 mm	-	450 mm	820 mm	30 kg	N-Type (f)	Receive Only
OMNI-A0205	Marine Active Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Linear, Vertical	-	350 mm	730 mm	-	< 12 kg	N-Type (f)	Receive Only
OMNI-A0223	Wideband Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Vertical	385 mm (Base) 940 mm (Whip)	100 mm (Base) 24 mm (Whip)	-	-	< 5.5 kg	N-Type (f)	Receive Only
OMNI-A0244	Compact Vehicular Monitoring Antenna	20 - 6000 MHz	-	Vertical	475 mm	102 mm (Antenna) 135 mm (Base)	-	-	< 2.5 kg	N-Type (f)	Receive Only
OMNI-A0299	Compact Active Monitoring Antenna	20 - 6000 MHz	-	Linear, Vertical	550 mm	140 mm	-	-	< 2.5 kg	N-Type (f)	Receive Only
OMNI-A0333	Compact Monitoring Antenna	20 - 6000 MHz	-	Vertical	200 mm	< 120 mm	-	-	1 kg	N-Type (f)	Receive Only

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0258	Active Monitoring Antenna	20 - 9000 MHz	See Data Sheet	Linear, Vertical	-	350 mm	730 mm	-	< 8.5 kg	N-Type (f)	Receive Only
LPMA-A0006	LPMA Antenna	30 - 420 MHz	6 to 8 dBi	Vertical	3000 mm	250 mm	2500 mm	-	N/A	N-Type (f)	N/A
LPDA-A0047	Wideband LPDA Antenna	30 - 2500 MHz	7 dBi	Adjustable (vertical & horizontal)	5000 mm	-	-	4000 mm	38 kg	N-Type (f)	Receive Only
SYST-A0005	LPDA Marine Monitoring System with Rotator	30 - 3000 MHz	4 dBi	Vertical	5700 mm	-	2000 mm	-	150 kg	N/A	200 W / 100 W
WBM5600M	Active Wideband VHF/UHF/SHF Monitoring Antenna	50 - 6000 MHz	-4 to 24 dB	Vertical	-	-	220 mm	150 mm	2.3 kg	N-Type (f)	2 W
LPDA-A0124	Wideband Wire LPDA	80 - 3000 MHz	> 6 dBi	Adjustable (vertical & horizontal)	2650 mm	-	200 mm	2000 mm	< 16 kg	N-Type (f)	Receive Only
WB1048M	VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	600 mm	-	2.2 kg	N-Type (f)	100 W
WB10DXM	Compact VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	375 mm	-	2.2 kg	N-Type (f)	200 W
LPDA-A0134	Wideband Maritime Log Periodic Dipole Array	100 - 1000 MHz	> 6 dBi	Linear (vertical or horizontal)	2247 mm	-	-	1668 mm	15 kg	N-Type (f)	Receive Only
SYST-A0010	Monitoring System with Azimuth Positioner	100 - 8000 MHz	> 6 dBi	Dual Linear	-	-	5000 mm	-	230 kg	N-Type (f)	Receive Only
OMNI-A0240	Wideband Planar Monitoring Antenna	150 - 6000 MHz	> -2dBi	Vertical, Linear	340 mm	-	35 mm	340 mm	< 500 g	SMA (f)	Receive Only
WB225M	Ultra Wideband VHF/UHF/SHF Vehicle Antenna	200 - 6000 MHz	-1 to 3 dBi Typical	Vertical	-	-	220 mm	150 mm	2.3 kg	N-Type (f)	200 W
WB525Q	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	405 mm	-	-	-	560 g	N-Type (m)	40 W
WB425M	Wideband UHF/SHF Vehicle Antenna	400 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
WD528Q	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	400 mm	-	365 g	N-Type (m)	50 W
WB525G-E	Wideband UHF Manpack Antenna	480 - 6000 MHz	Measured Patterns on Request	Vertical	465 mm	-	-	-	540 g	N-Type (m)	35 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0100	Horizontally Polarised Omni-Directional Antenna	500 - 3000 MHz	See Data Sheet	Linear, Horizontal	-	370 mm	800 mm	-	20 kg	N-Type (f)	0.25 W
OMNI-A0268	Wideband HP Active Monitoring Antenna	500 - 3000 MHz	See Data Sheet	Linear, Horizontal	400 mm	165 mm	-	-	3 kg	N-Type (f)	Receive Only
WD525M	Wideband UHF/SHF Vehicle Antenna	500 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
WB525W	Wideband UHF/SHF Magnetic Mount Antenna	500 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	141 mm	-	900 g	N-Type (f)	200 W (500 MHz - 2.5GHz) 160 W (2.5 - 4 GHz) 130 W (4 - 6 GHz)
LPDA-A0156	Wide-Beam Monitoring LPDA Antenna	600 - 3700 MHz	See Data Sheet	Linear	440 mm	-	330 mm	125 mm	< 3.7 kg	N-Type (f)	Receive Only
E1215	Heavy Duty L1/L2 GPS Antenna	1227.60 MHz 1575.42 - MHz	24 dB	RHC	-	-	50 mm	-	1.1 kg	N-Type (f)	-
E1516	Heavy Duty GPS Antenna	1561.1 - 1605.4 MHz	26 dB	RHC	-	-	65 mm	-	600 g	N-Type (f)	-
E1500	Heavy Duty Navigation Antenna	1575.42 MHz	26 dB	RHC	-	-	50 mm	-	1.1 kg	N-Type (f)	-
OMNI-A0269	Dual-Polarised Active Monitoring Antenna	2000 - 2500 MHz	2 dBi	Linear, Vertical & Horizontal	-	135 mm (Base) 55 mm (Radome)	110 mm	-	800 g	TNC (f)	Receive Only
HD2400Q	High Gain Manpack Antenna	2100 - 2500 MHz	+3 to +8 dBi	Vertical	-	-	545 mm	-	460 g	N-Type (m)	20 W
HD36	Wideband SHF Manpack Antenna	3000 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	370 mm	-	180 g	N-Type (m)	35 W (3 - 4 GHz) 20 W (4 - 5 GHz) 15 W (5 - 6 GHz)
HD36M	High Gain Wideband SHF Vehicle Antenna	3000 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	450 mm	-	1.1 kg	N-Type (f)	35 W (3 - 4 GHz) 20 W (4 - 5 GHz) 15 W (5 - 6 GHz)