

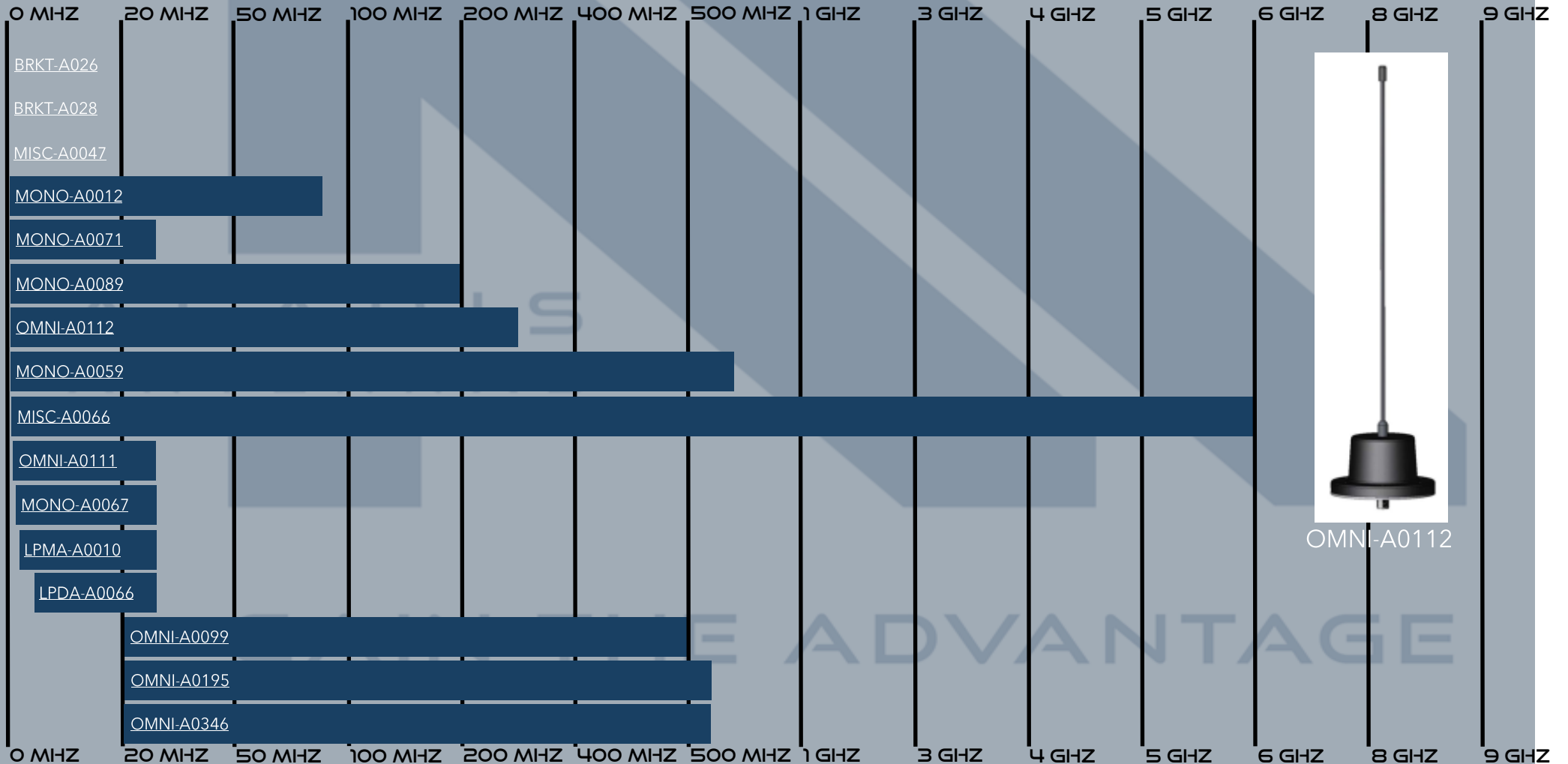


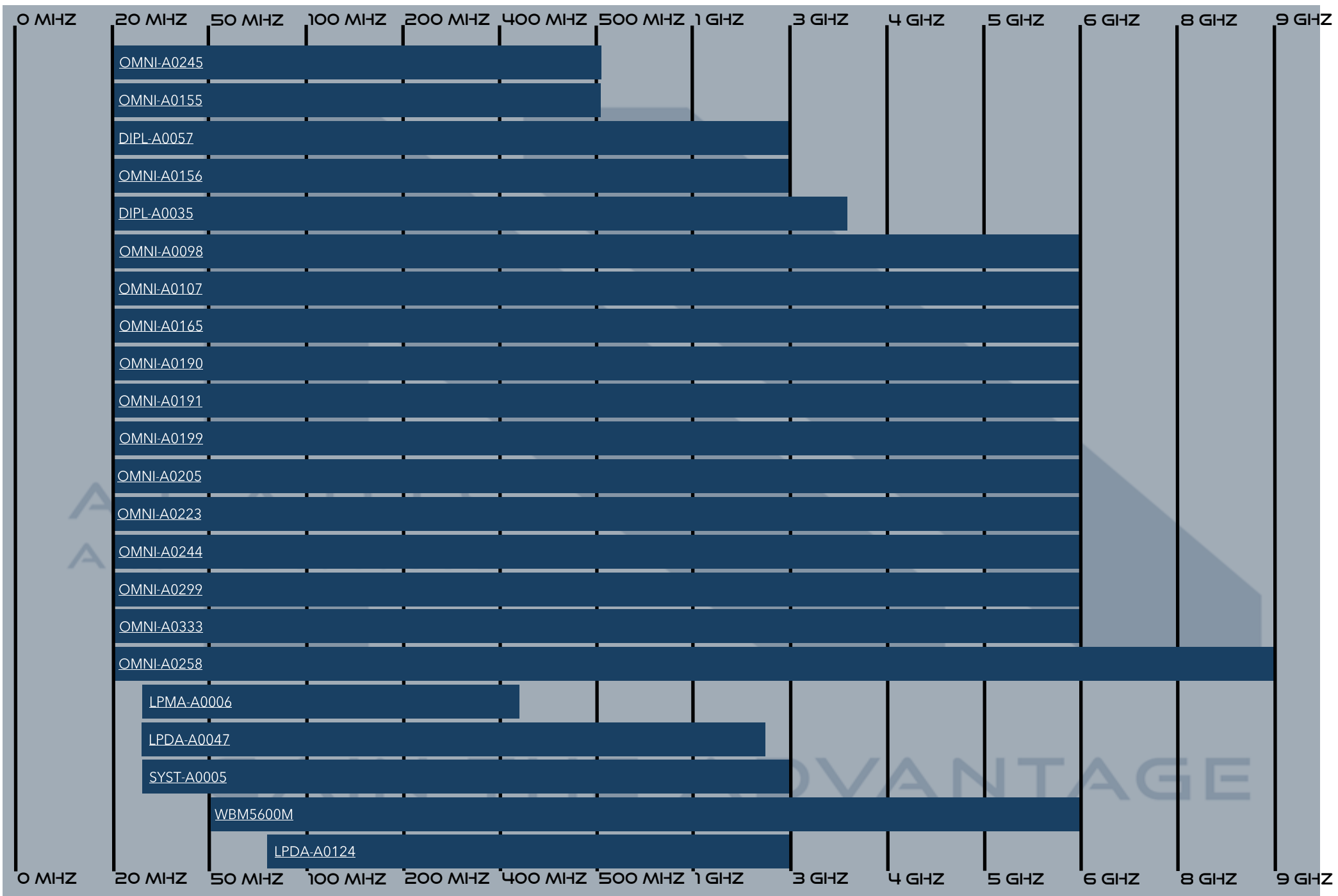
# MONITORING ANTENNAS

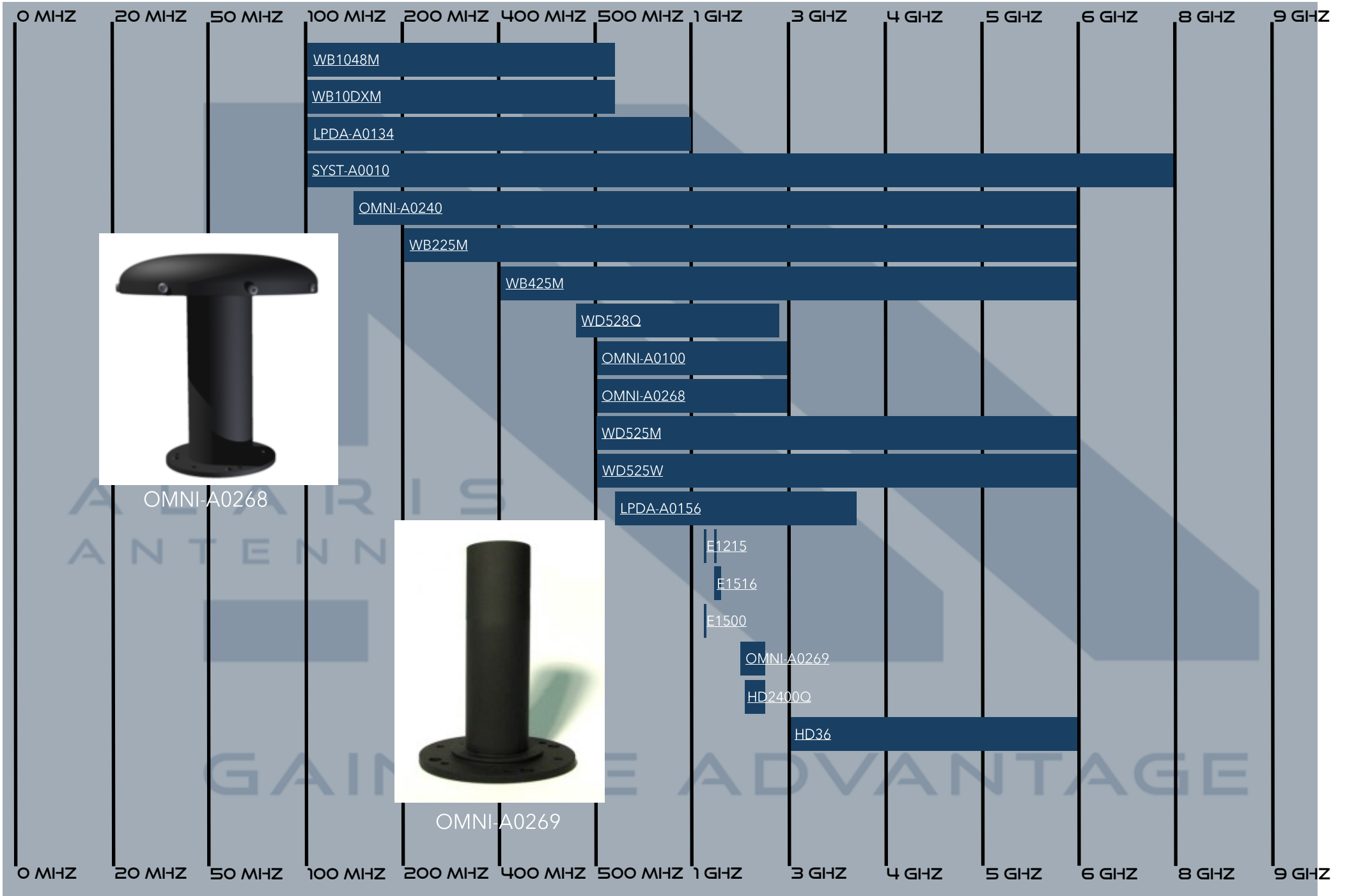


# MONITORING ANTENNAS

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-A0268



OMNI-A0269

## MONITORING ANTENNAS

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
<a href="#">BRKT-A026</a>	LPDA Extension Mast	-	-	-	150 mm	-	558 mm	210 mm	3 kg	-	-
<a href="#">BRKT-A028</a>	Polarisation-Flipping Bracket for LPDAs	-	-	-	250 mm	-	180 mm	220 mm	2.2 kg	-	-
<a href="#">MISC-A0047</a>	SYST-A0004 Mounting Support	-	-	-	350 mm	-	350 mm	350 mm	18 kg	-	-
<a href="#">MONO-A0012</a>	HF Active Monopole	0.008 - 88 MHz	-	Vertical	2900 mm	150 mm	-	-	4 kg	BNC (f)	Receive Only
<a href="#">MONO-A0071</a>	HF Active Monopole	0.009 - 30 MHz	-	Vertical	2900 mm	300 mm	-	-	14 kg	N-Type (f)	Receive Only
<a href="#">MONO-A0089</a>	HF Monitoring Whip	0.009 - 200 MHz	-	Vertical	-	-	700 mm	-	300 g	SMA (m)	0.5 W (Receive Only)
<a href="#">OMNI-A0112</a>	Active Monitoring Antenna	0.009 - 300 MHz	-	Vertical	-	140 mm	600 mm	-	< 2 kg	N-Type (f)	Receive Only
<a href="#">MONO-A0059</a>	HF Monitoring Whip	0.009 - 700 MHz	-	Vertical	-	-	1142 mm	-	300 g	SMA (m)	0.5 W (Receive Only)
<a href="#">MISC-A0066</a>	15 V Coaxial Power Supply	0.1 - 6000 MHz	-	-	195 mm	-	80 mm	150 mm	1.3 kg	N-Type (f)	Receive Only
<a href="#">OMNI-A0111</a>	All-Mode HF Monitoring Antenna	1 - 30 MHz	-	Vertical & Circular	5000 mm	5000 mm	6000 mm	-	< 180 kg	N-Type (f)	Receive Only
<a href="#">MONO-A0067</a>	HF Monitoring Monopole	1.5 - 30 MHz	See Data Sheet	Vertical	4600 mm	150 mm	-	-	6 kg	BNC (f)	Receive Only
<a href="#">LPMA-A0010</a>	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
<a href="#">LPDA-A0066</a>	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
<a href="#">OMNI-A0099</a>	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
<a href="#">OMNI-A0346</a>	Vehicle Mount VHF Monitoring Antenna	20 - 500 MHz	See Data Sheet	N/A	1500 mm	-	-	135 mm	< 1.36 kg	N/A	Receive Only
<a href="#">OMNI-A0195</a>	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
<a href="#">OMNI-A0245</a>	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
<a href="#">OMNI-A0155</a>	VHF Monitoring Antenna	20 - 520 MHz	See Data Sheet	-	1600 mm	3000 mm	-	-	3 kg	N-Type (f)	20 W
<a href="#">DIPL-A0057</a>	Wideband Body Worn Monitoring Antenna	20 - 3000 MHz	1.7 dBi	Vertical	300 mm	-	-	250 mm	200 g	TNC (m)	Receive Only
<a href="#">OMNI-A0156</a>	Wideband HP Active Monitoring Antenna	20 - 3000 MHz	-	Linear, Horizontal	< 500 mm	< 360 mm	-	-	3 kg	N-Type (f)	Receive Only
<a href="#">DIPL-A0035</a>	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
<a href="#">OMNI-A0098</a>	Active Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Linear, Horizontal	-	350 mm	730 mm	-	< 8.5 kg	N-Type (f)	Receive Only
<a href="#">OMNI-A0107</a>	Active Monitoring Antenna	20 - 6000 MHz	-	Vertical	220 mm	-	350 mm	110 mm	< 1.4 kg	N-Type (f)	Receive Only
<a href="#">OMNI-A0165</a>	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
<a href="#">OMNI-A0190</a>	Compact Monitoring Antenna	20 - 6000 MHz	-	Vertical	311 mm	102 mm	-	-	1 kg	TNC (f) (standard/02) N-Type (f) (-03/04)	Receive Only
<a href="#">OMNI-A0191</a>	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)
<a href="#">OMNI-A0199</a>	Covert Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Vertical	1750 mm	-	450 mm	820 mm	30 kg	N-Type (f)	Receive Only
<a href="#">OMNI-A0205</a>	Marine Active Monitoring Antenna	20 - 6000 MHz	See Data Sheet	Linear, Vertical	-	350 mm	730 mm	-	< 12 kg	N-Type (f)	Receive Only
<a href="#">OMNI-A0223</a>	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
<a href="#">OMNI-A0244</a>	Compact Vehicular Monitoring Antenna	20 - 6000 MHz	-	Vertical	475 mm	102 mm (Antenna) 135 mm (Base)	-	-	< 2.5 kg	N-Type (f)	Receive Only
<a href="#">OMNI-A0299</a>	Compact Active Monitoring Antenna	20 - 6000 MHz	-	Linear, Vertical	550 mm	140 mm	-	-	< 2.5 kg	N-Type (f)	Receive Only
<a href="#">OMNI-A0333</a>	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
<a href="#">OMNI-A0258</a>	Active Monitoring Antenna	20 - 9000 MHz	See Data Sheet	Linear, Vertical	-	350 mm	730 mm	-	< 8.5 kg	N-Type (f)	Receive Only
<a href="#">LPMA-A0006</a>	LPMA Antenna	30 - 420 MHz	6 to 8 dBi	Vertical	3000 mm	250 mm	2500 mm	-	N/A	N-Type (f)	N/A
<a href="#">LPDA-A0047</a>	Wideband LPDA Antenna	30 - 2500 MHz	7 dBi	Adjustable (vertical & horizontal)	5000 mm	-	-	4000 mm	38 kg	N-Type (f)	Receive Only
<a href="#">SYST-A0005</a>	LPDA Marine Monitoring System with Rotator	30 - 3000 MHz	4 dBi	Vertical	5700 mm	-	2000 mm	-	150 kg	N/A	200 W / 100 W
<a href="#">WBM5600M</a>	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
<a href="#">LPDA-A0124</a>	Wideband Wire LPDA	80 - 3000 MHz	> 6 dBi	Adjustable (vertical & horizontal)	2650 mm	-	200 mm	2000 mm	< 16 kg	N-Type (f)	Receive Only
<a href="#">WB1048M</a>	VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	600 mm	-	2.2 kg	N-Type (f)	100 W
<a href="#">WB10DXM</a>	Compact VHF/UHF Vehicle Antenna	100 - 520 MHz	Measured Patterns on Request	Vertical	-	-	375 mm	-	2.2 kg	N-Type (f)	200 W
<a href="#">LPDA-A0134</a>	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
<a href="#">SYST-A0010</a>	Monitoring System with Azimuth Positioner	100 - 8000 MHz	> 6 dBi	Dual Linear	-	-	5000 mm	-	230 kg	N-Type (f)	Receive Only
<a href="#">OMNI-A0240</a>	Wideband Planar Monitoring Antenna	150 - 6000 MHz	> -2dBi	Vertical, Linear	340 mm	-	35 mm	340 mm	< 500 g	SMA (f)	Receive Only
<a href="#">WB225M</a>	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
<a href="#">WB425M</a>	Wideband UHF/SHF Vehicle Antenna	400 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
<a href="#">WD528Q</a>	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	400 mm	-	365 g	N-Type (m)	50 W
<a href="#">OMNI-A0100</a>	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

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
<a href="#">OMNI-A0268</a>	Wideband HP Active Monitoring Antenna	500 - 3000 MHz	See Data Sheet	Linear, Horizontal	400 mm	165 mm	-	-	3 kg	N-Type (f)	Receive Only
<a href="#">WD525M</a>	Wideband UHF/SHF Vehicle Antenna	500 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
<a href="#">WB525W</a>	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)
<a href="#">LPDA-A0156</a>	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
<a href="#">E1215</a>	Heavy Duty L1/L2 GPS Antenna	1227.60 MHz 1575.42 - MHz	24 dB	RHC	-	-	50 mm	-	1.1 kg	N-Type (f)	-
<a href="#">E1516</a>	Heavy Duty GPS Antenna	1561.1 - 1605.4 MHz	26 dB	RHC	-	-	65 mm	-	600 g	N-Type (f)	-
<a href="#">E1500</a>	Heavy Duty Navigation Antenna	1575.42 MHz	26 dB	RHC	-	-	50 mm	-	1.1 kg	N-Type (f)	-
<a href="#">OMNI-A0269</a>	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
<a href="#">HD2400Q</a>	High Gain Manpack Antenna	2100 - 2500 MHz	+3 to +8 dBi	Vertical	-	-	545 mm	-	460 g	N-Type (m)	20 W
<a href="#">HD36</a>	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)

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