



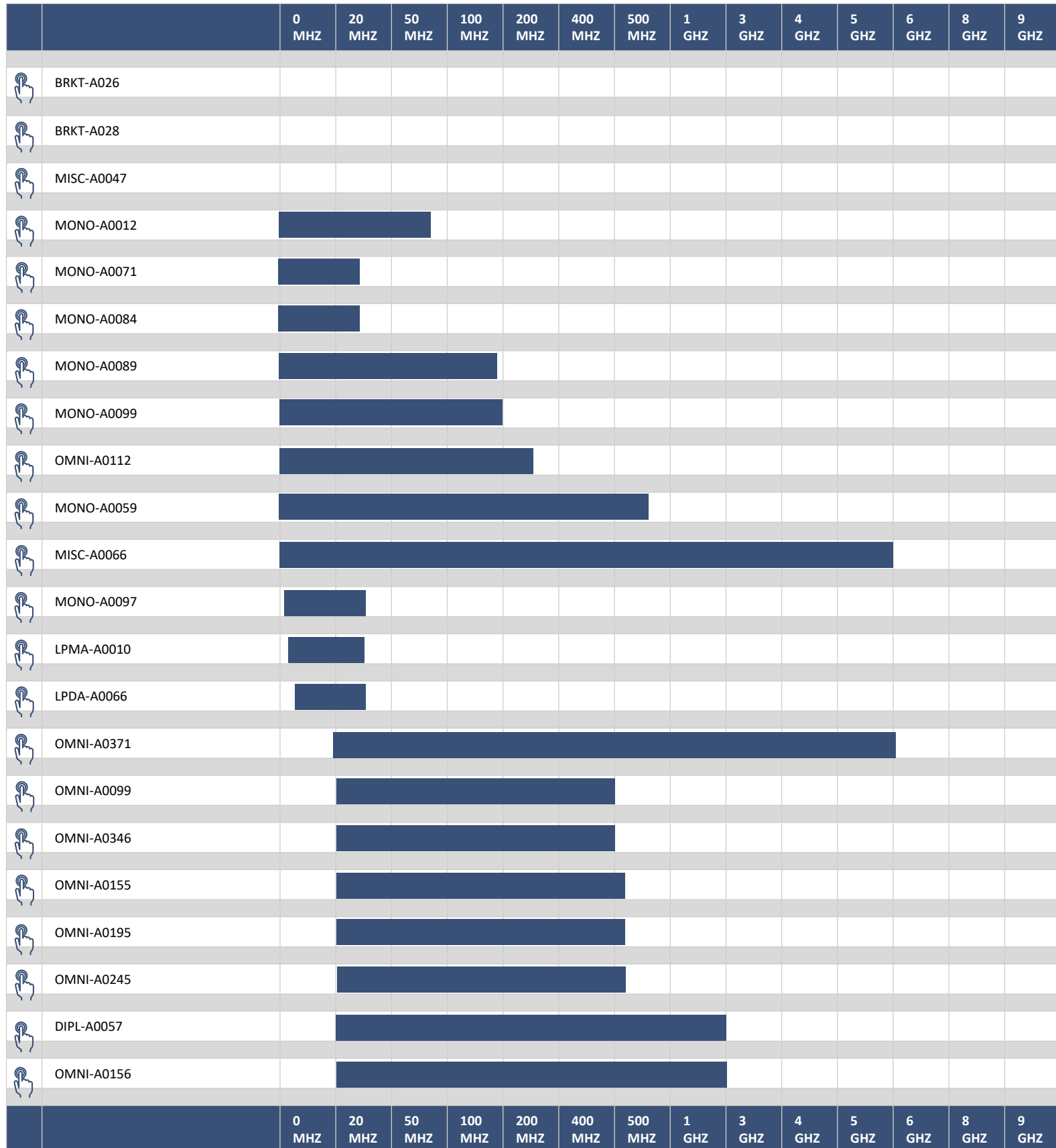
ALARIS
ANTENNAS

GAIN THE ADVANTAGE

MONITORING ANTENNAS

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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.













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	0 MHz	20 MHz	50 MHz	100 MHz	200 MHz	400 MHz	500 MHz	1 GHz	3 GHz	4 GHz	5 GHz	6 GHz	8 GHz	9 GHz
DIPL-A0035														
OMNI-A0199														
OMNI-A0223														
OMNI-A0107														
DF-A0062														
OMNI-A0190														
OMNI-A0191														
OMNI-A0244														
OMNI-A0205														
OMNI-A0299														
OMNI-A0333														
OMNI-A0358														
OMNI-A0258														
OMNI-A0367														
OMNI-A0365														
LPMA-A0006														
LPDA-A0047														
LPDA-A0175														
SYST-A0005														
WBM5600M														
LPDA-A0124														
LPDA-A0134														
	0 MHz	20 MHz	50 MHz	100 MHz	200 MHz	400 MHz	500 MHz	1 GHz	3 GHz	4 GHz	5 GHz	6 GHz	8 GHz	9 GHz

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	SYST-A0010														
	LPDA-A0176														
	OMNI-A0100														
	OMNI-A0268														
	LPDA-A0156														
	OMNI-A0376														
	OMNI-A0375														
	OMNI-A0378														
	HD36														
	OMNI-A0379														
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MONITORING ANTENNAS



Antenna	Product Description	Frequency	Gain	Polarisation	Dimensions (mm)	Mass	Connector	Power
BRKT-A026	LPDA Extension Mast	-	-	-	150 (L) x 558 (H) x 210 (W)	3 kg	-	-
BRKT-A028	Polarisation-flipping Bracket for LPDAs	-	-	-	250 (L) x 180 (H) x 220 (W)	2.2 kg	-	-
MISC-A0047	SYST Mounting Support	-	-	-	350 (L) x 350 (H) x 350 (W)	18 kg	-	-
MONO-A0012	HF Active Monopole	0.008 – 88 MHz	-	Vertical	2900 (L) x 150 (D)	4 kg	BNC (f)	Receive Only
MONO-A0071	HF Active Monopole	0.009 – 30 MHz	-	Vertical	2900 (L) x 300 (D)	14 kg	N-Type (f)	Receive Only
MONO-A0084	Tactical HF Monopole	0,009 – 30 MHz	See Data Sheet	Vertical	4500 (L) Base: 300 x 300 Groundplane: 10000 (D)	7 kg	N-Type (f)	-
MONO-A0089	HF Monitoring Whip	0.009 – 199 MHz	-	Vertical	700 (H)	300g	SMA (m)	0.5 W (Receive Only)
MONO-A0099	HF Monitoring Whip	1 - 200 MHz	-	Vertical	700 (H)	0,5	SMA (m)	-
OMNI-A0112	Active Monitoring Antenna	0.009 – 300 MHz	-	Vertical	140 (D) x 600 (H)	< 2 kg	N-Type (f)	Receive Only
MONO-A0059	HF Monitoring Whip	0.009 – 700 MHz	-	Vertical	1142 (H)	300 g	SMA (m)	0.5 W (Receive Only)
MISC-A0066	15 V Coaxial Power Supply	0.1 – 6000 MHz	-	-	195 (L) x 80 (H) x 150 (W)	1.3 kg	N-Type (f)	Receive Only
MONO-A0097	HF Active Monopole	1 – 30 MHz	See Graphs	Vertical	7500 (L) x 300 (H) x 300 (W)	< 30 kg	N-Type (f)	-
LPMA-A0010	HF Directional Antenna	2 – 30 MHz	12.5 dBi max	Vertical	90000 (L) x 80000 (H) x 20222 (W)	100 kg	7/16 (f)	2.5 kW
LPDA-A0066	Monitoring LPDA Antenna	5 – 30 MHz	2 – 5.5 dBi	Adjustable, Vertical & Horizontal	10300 (L) x 20200 (W)	200 kg	N-Type (f)	Receive Only
OMNI-A0371	Vertical & Horizontal Monitoring Antenna	19 – 6000 MHz	See Data Sheet	Adjustable, Vertical & Horizontal	Mast included: 350(D) x 1620 (L) Mast excluded: 305(D) x 1020 (L)	16 kg	N-Type (f)	Receive Only
OMNI-A0099	Horizontally Polarised Omni-directional Antenna	20 – 500 MHz	See Data Sheet	Linear, Horizontal	2000 (D) x 1000 (H)	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 (L) x 135 (W)	< 1.36 kg	N/A	Receive Only
OMNI-A0155	VHF Monitoring Antenna	20 – 520 MHz	See Data Sheet	-	1600 (L) x 3000 (D)	3 kg	N-Type (f)	20 W
OMNI-A0195	Wideband HF/VHF/UHF Vehicle Antenna	20 – 520 MHz	See Data Sheet	Vertical	135 (D) x 600 (H) Base 35 (D) Radiator	< 2 kg	N-Type (f)	Receive Only
OMNI-A0245	Wideband HF/VHF/UHF Vehicle Monitoring Antenna	20 – 520 MHz	See Data Sheet	-	1000 (L) x 135 (D) Base 38 (D) Whip	< 1 kg	N-Type (f)	Receive Only
DIPL-A0057	Wideband Body Worn Monitoring Antenna	20 – 3000 MHz	1.7 dBi	Vertical	300 (L) x 250 (W)	200 g	TNC (m)	Receive Only
OMNI-A0156	Wideband HP Active Monitoring Antenna	20 – 3000 MHz	-	Linear, Horizontal	<500 (L) x < 360 (D)	3 kg	N-Type (f)	Receive Only
DIPL-A0035	GSM Vehicle-Mount High-power Antenna	20 – 3600 MHz	See Data Sheet	Linear, Vertical	6000 (L) x 2000 (W)	24 kg	N-Type (f)	Receive Only
OMNI-A0199	Covert Monitoring Antenna	20 – 6000 MHz	See Data Sheet	Vertical	1750 (L) x 820 (W) x 450 (H)	30 kg	N-Type (f)	Receive Only
OMNI-A0223	Wideband Monitoring Antenna	20 – 6000 MHz	See Data Sheet	Vertical	385 (L) x 100 (D) Base 940 (L) x 24 (D) Whip	< 5.5 kg	N-Type (f)	Receive Only
OMNI-A0107	Active Monitoring Antenna	20 – 6000 MHz	-	Vertical	220 (L) x 350 (H) x 110 (W)	< 1.4 kg	N-Type (f)	Receive Only
DF-A0062	DF and Monitoring Antenna	20-6000	See Data Sheet	Vertical	3600 (H) x 2700 (D)	60 kg	N-Type (m)	See data sheet
OMNI-A0098	Active Monitoring Antenna	20 – 6000 MHz	See Data Sheet	Linear, Vertical	350 (D) x 730 (H)	< 8.5 kg	N-Type (f)	Receive Only
OMNI-A0190	Compact Monitoring Antenna	20 – 6000 MHz	-	Vertical	311 (L) x 102 (D)	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 (L) x 305 (D)	16 kg	N-Type (f)	Receive Only (-01) 1 W (-02)
OMNI-A0244	Compact Vehicular Monitoring Antenna	20 – 6000 MHz	-	Vertical	475 (L) x 102 (D) Antenna 135 (D) Base	< 2.5 kg	N-Type (f)	Receive Only
OMNI-A0205	Marine Active Monitoring Antenna	20 – 6000 MHz	See Data Sheet	Linear, Vertical	350 (D) x 730 (H)	< 12 kg	N-Type (f)	Receive Only
OMNI-A0299	Compact Active Monitoring Antenna	20 – 6000 MHz	-	Linear, Vertical	550 (L) x 140 (D)	< 2.5 kg	N-Type (f)	Receive Only
OMNI-A0333	Compact Monitoring Antenna	20 – 6000 MHz	-	Vertical	200 (L) x <120 (D)	1 kg	N-Type (f)	Receive Only

MONITORING ANTENNAS



Antenna	Product Description	Frequency	Gain	Polarisation	Dimensions (mm)	Mass	Connector	Power
OMNI-A0358	Covert Wideband Monitoring Antenna	20 – 6000 MHz	See Data Sheet	Linear	390 (L) x 270 (W)	< 1.5 kg	SMA (f)	See Data Sheet
OMNI-A0258	Active Monitoring Antenna	20 – 9000 MHz	See Data Sheet	Linear, Vertical	350 (D) x 730 (H)	< 8.5 kg	N-Type (f)	Receive Only
OMNI-A0367	Compact Monitoring Antenna	20 – 9000 MHz	See Data Sheet	Vertical	650 (L) x 142 (D) Base: 135 (D)	< 6.5 kg	N-Type (f)	See Data Sheet
OMNI-A0365	Wideband Monitoring Antenna	20 – 18000 MHz	See Data Sheet	Linear, Vertical	730 (H) x 350 (W)	< 8.5 kg	N-Type (f)	Receive Only
LPMA-A0006	LPMA Antenna	30 – 420 MHz	6 to 8 dBi	Vertical	3000 (L) x 250 (D) x 2500 (H)	N/A	N-Type (f)	N/A
LPDA-A0047	Wideband LPDA Antenna	30 – 2500 MHz	7 dBi	Adjustable (Vertical & Horizontal)	5000 (L) x 4000 (W)	38 kg	N-Type (f)	Receive Only
LPDA-A0175	Wideband dual-polarised antenna	30 - 2500	6 - 7 dBi	Dual Linear	4000 (H) x 4000 (W) x 5000 (L)	70 kg	N-Type (f)	Receive Only
SYST-A0005	Rotatable Antenna System	30 - 3000	4 (LPDA-A0083) > 6.5 (LPDA-A0084)	Vertical	5.7 m high	150	-	200 W (LPDA-A0083) 100 W (LPDA-A0084)
WBM5600M	Active Wideband VHF/UHF/SHF Monitoring Antenna	50 – 6000 MHz	-4 to 24 dBi	Vertical	220 (H) x 150 (W)	2.3 kg	N-Type (f)	2 W
LPDA-A0124	Wideband Wire LPDA	80 – 3000 MHz	> 6 dBi	Adjustable (vertical & horizontal)	2650 (L) x 200 (H) x 2000 (W)	< 16 kg	N-Type (f)	Receive Only
LPDA-A0134	Wideband Maritime Log Periodic Dipole Array	100 – 1000 MHz	> 6 dBi	Linear (vertical or horizontal)	2247 (L) x 1668 (W)	15 kg	N-Type (f)	Receive Only
SYST-A0010	Monitoring System with Azimuth Positioner	100 – 8000 MHz	> 6 dBi	Dual Linear	5000 (H)	230 kg	N-Type (f)	Receive Only
LPDA-A0176	Wideband active LPDA	400 - 1000 MHz	> 6 to > 15 dBi	Linear (vertical or horizontal)	1000 (L) x 510 (W) 1	5 kg	N-Type (f)	Receive Only
OMNI-A0100	Horizontally Polarised Omni-Directional Antenna	500 – 3000 MHz	See Data Sheet	Linear, Horizontal	370 (D) x 800 (H)	20 kg	N-Type (f)	0.25 W
OMNI-A0268	Wideband HP Active Monitoring Antenna	500 – 3000 MHz	See Data Sheet	Linear, Horizontal	400 (L) x 165 (D)	3 kg	N-Type (f)	Receive Only
LPDA-A0156	Wide-Beam Monitoring LPDA	600 - 3700		Linear	440 (L) x 330 (W) x 125 (H)	< 3.7 kg	N-Type (f)	Receive Only
OMNI-A0376	High power Maritime Omni-Antenna	960 - 1215 MHz	> 4.5 dBi (typical)	Vertical	900 mm (upper diameter) x 1100 mm (lower diameter) x 550 mm (H)	< 65 kg	N-Type (f)	1kW peak for a 36% duty cycle
OMNI-A0375	Omni-directional Monitoring Antenna	960 - 1215 MHz	> 3.5 dBi (typical)	Vertical	55 mm x 530 mm	< 1.5 kg	N-Type (f)	Receive only
OMNI-A0378	Wideband Dual Polarised Omni Antenna	1350 – 2700 MHz	> 3.5 dBi (typical)	Horizontal & Vertical	152,4 (W) x 840,6 (L)	< 2.5 kg	N-Type (f)	10 W CW
HD36	Wideband SHF Manpack Antenna	3000 – 6000 MHz	Measured Patterns on Request	Vertical	370 (D)	180 g	N-Type (m)	35 W (3 – 4 GHz) 20 W (4 – 5 GHz) 15 W (5 – 6 GHz)
OMNI-A0379	Wideband Monitoring Antenna	8000 – 53000 MHz	2 – 5 dBi	Linear, Vertical	110 (H) x 135 (D)	0.35 kg	2,4mm (f)	Receive Only