



COMMUNICATION ANTENNAS

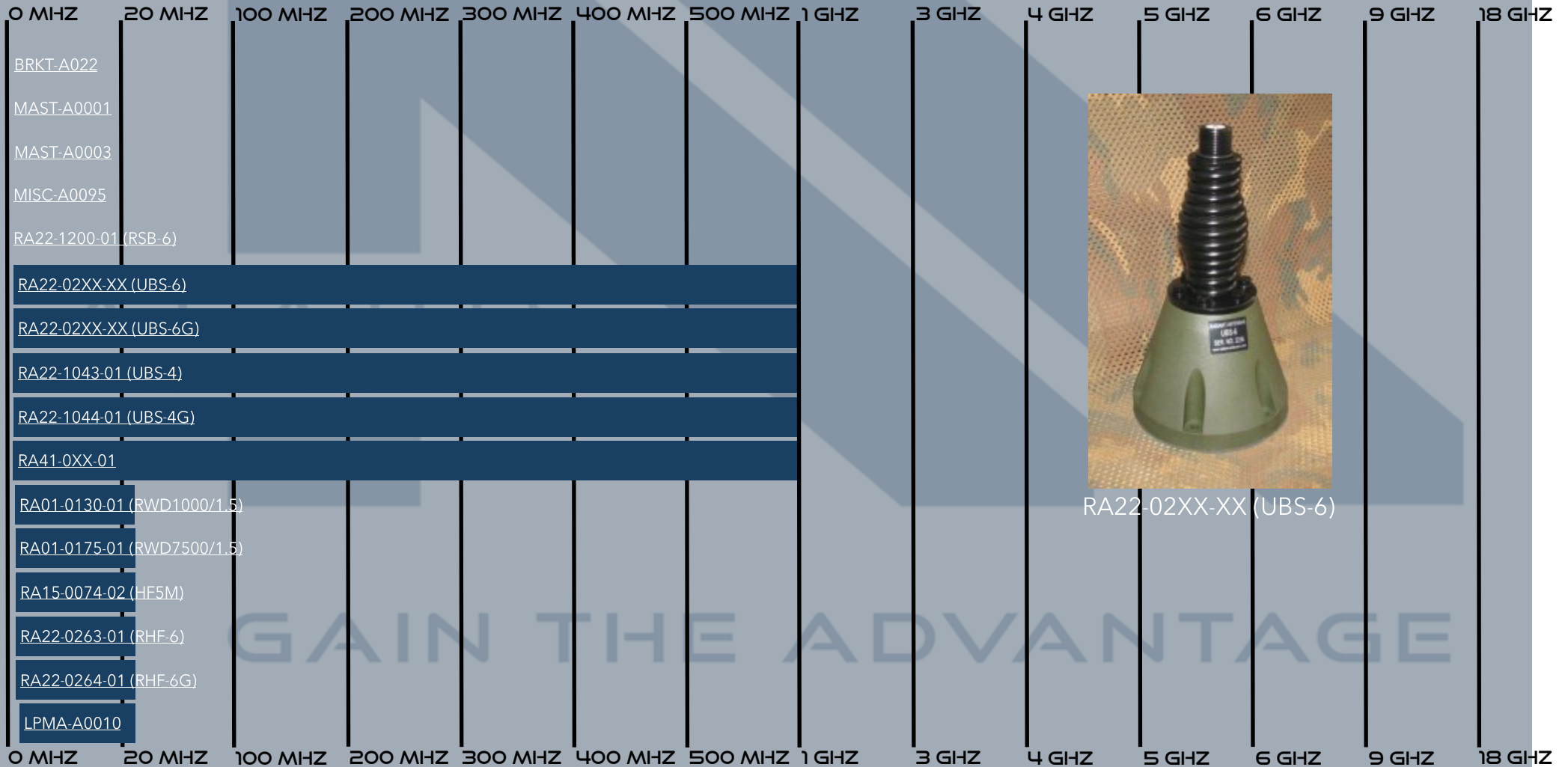


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COMMUNICATION ANTENNAS

Alaris Antennas has an extensive range of HF, VHF, UHF and SHF (L-, S- and C-band) omni-directional and directional communications antennas, designed for mobile, base station and man-portable applications, point-to-point and point-to-multipoint radio communications.



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0 MHZ 20 MHZ 100 MHZ 200 MHZ 300 MHZ 400 MHZ 500 MHZ 1 GHZ 3 GHZ 4 GHZ 5 GHZ 6 GHZ 9 GHZ 18 GHZ

RA01-0125-01 (RWD1000)

RA01-1022-01 (RTD2530)

RA01-116-01 (RWD125)

RA04-116-01 (RWD500)

RA52-0100-01 (TAC-HF)

RA10-118-01 (RLP10-30)

RA10-117-01 (RLP13-30)

WB2CC

WB20CM

WBC2600M

WB30512M

WB30512XM

OMNI-A0068

WBC256

WB25175C

WB25C0M

WB25512B

WB25512R

WB25512W

WB25512XR

WBC2300

OMNI-A0239

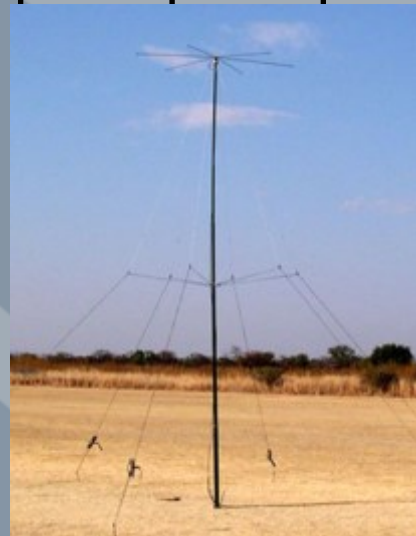
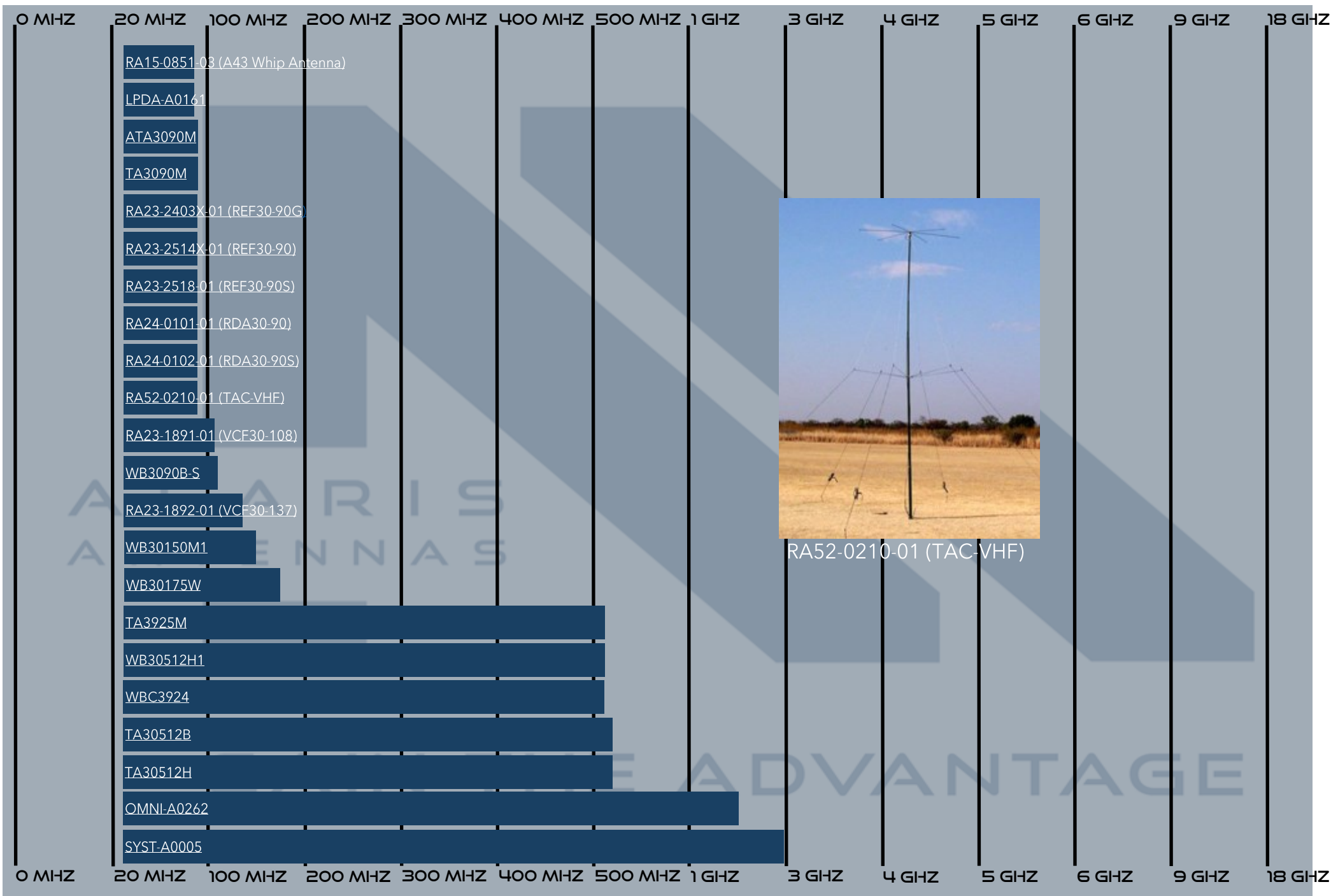


RA01-1022-01 (RTD2530)

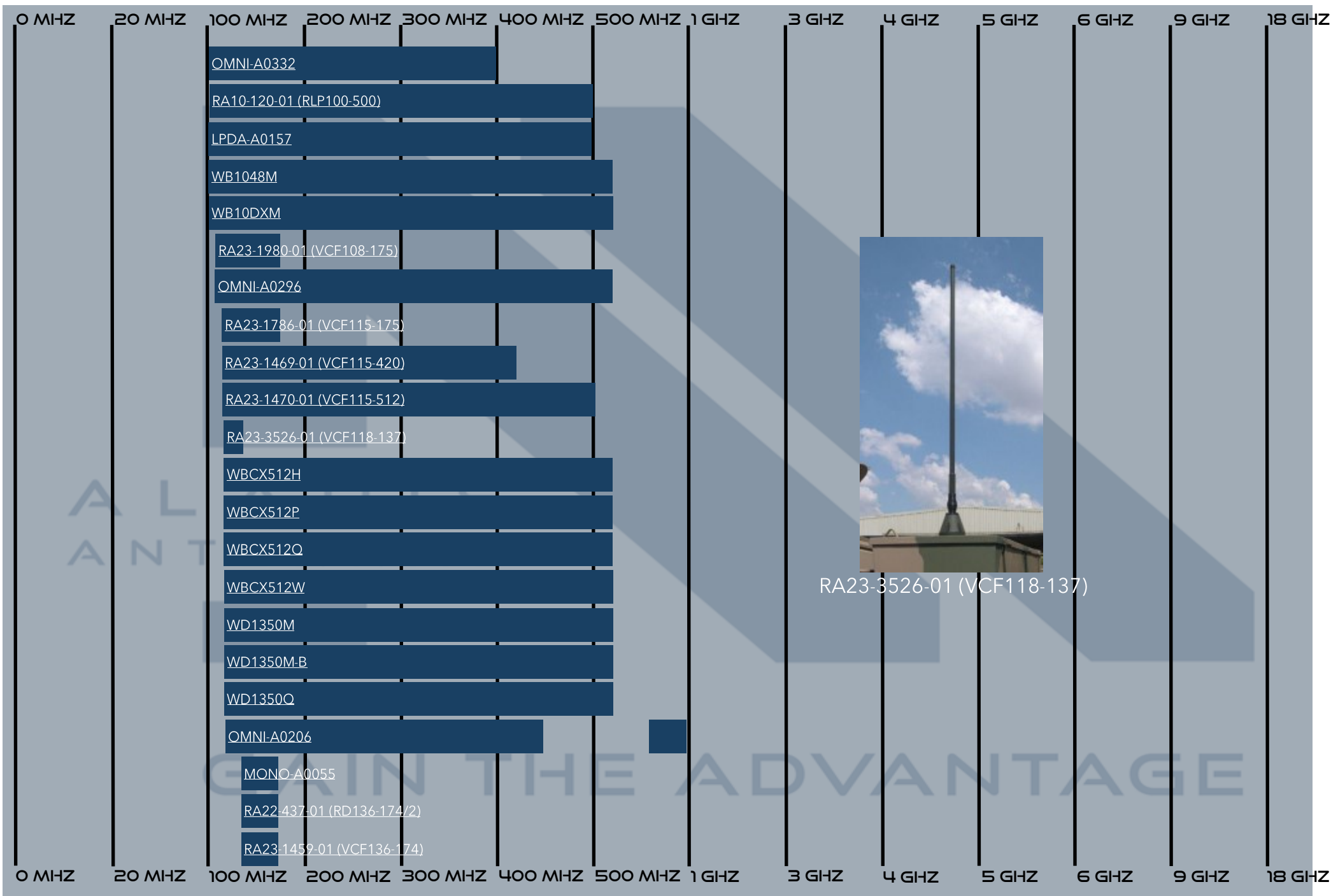


OMNI-A0239

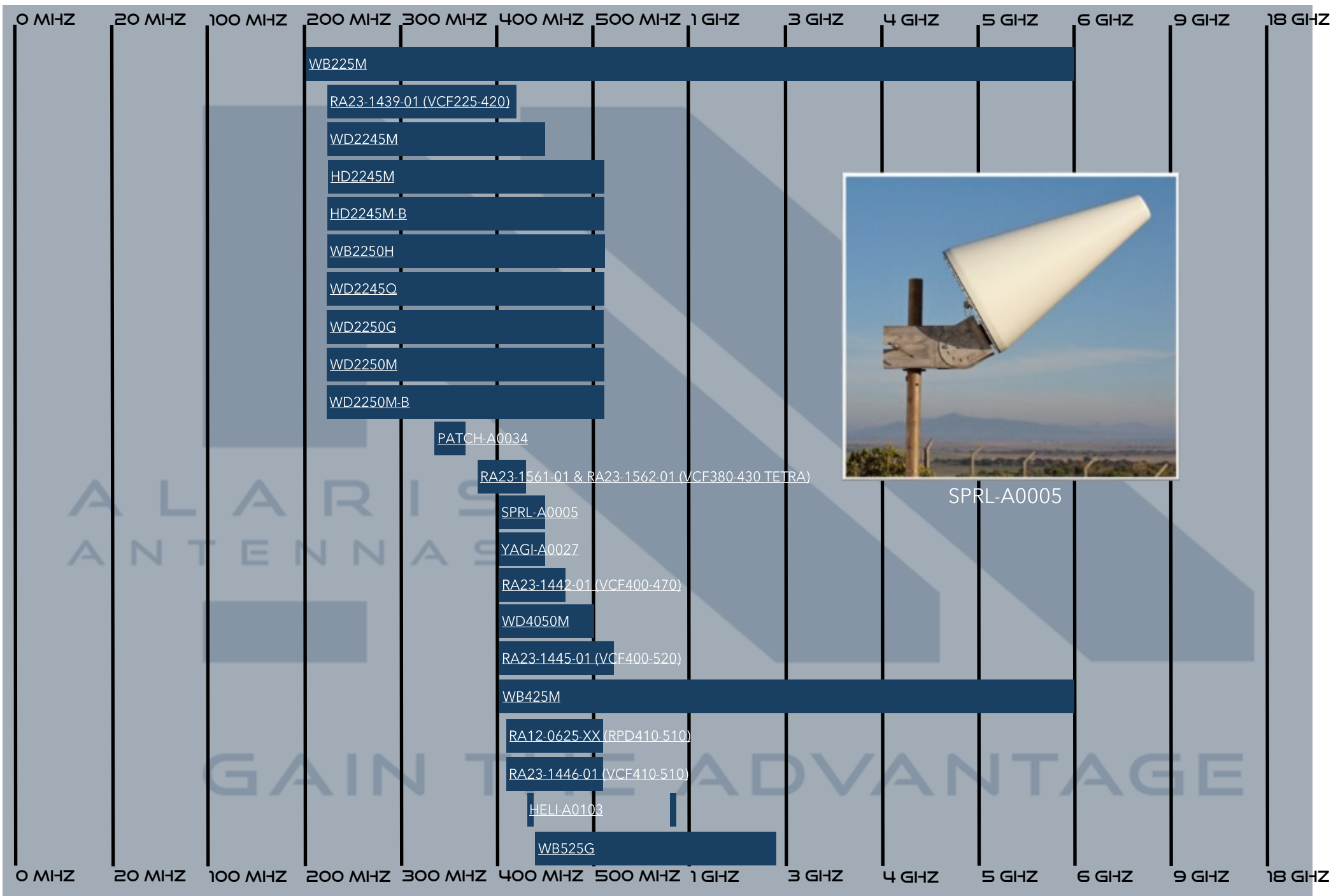
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RA52-0210-01 (TAC-VHF)

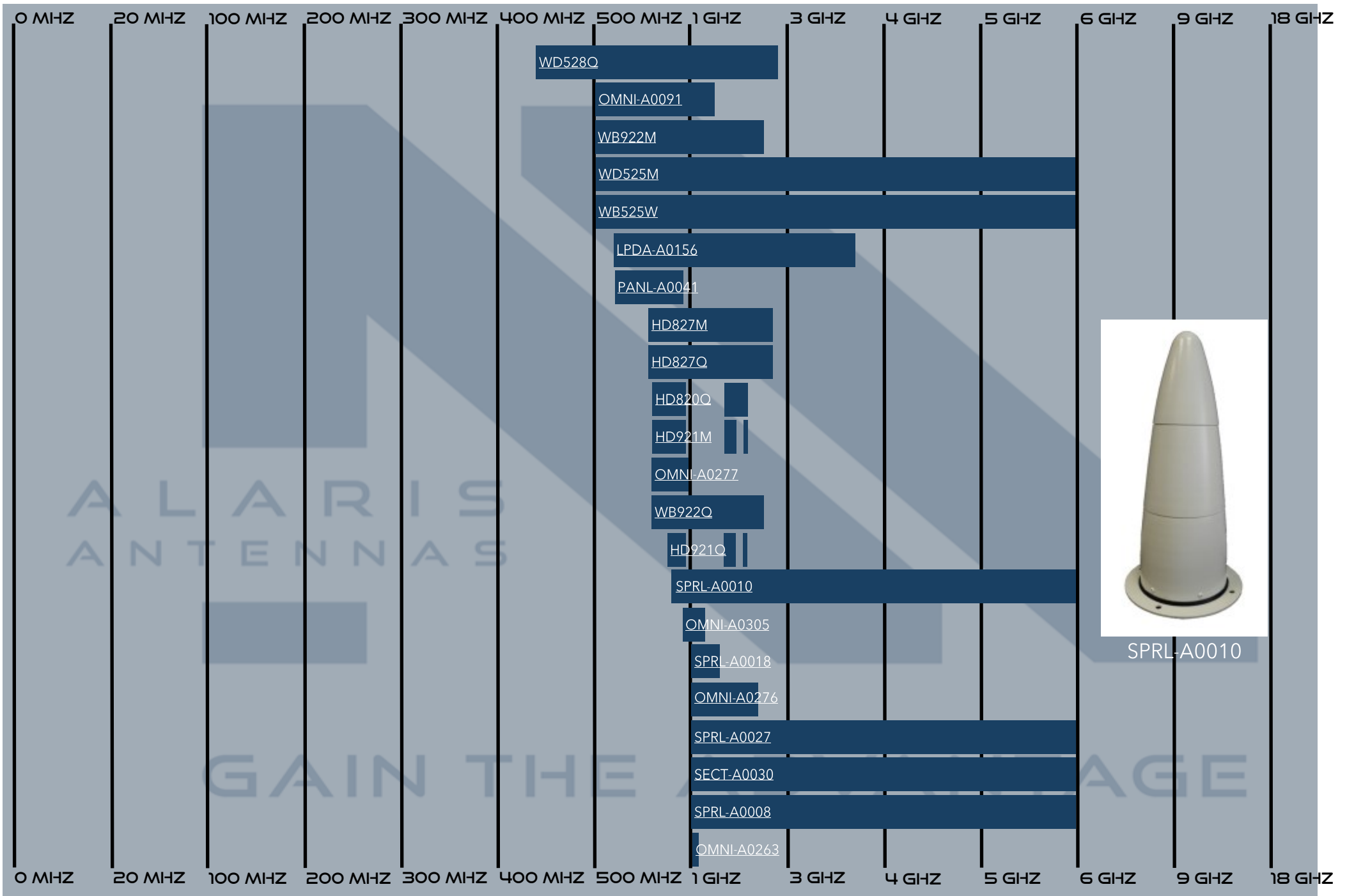


RA23-3526-01 (VCF118-137)



SPRL-A0005

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SPRL-A0010

0 MHz 20 MHz 100 MHz 200 MHz 300 MHz 400 MHz 500 MHz 1 GHz 3 GHz 4 GHz 5 GHz 6 GHz 9 GHz 18 GHz



PANL-A0056

OMNI-A0109

OMNI-A0198

SECT-A0021

HELL-A0104

OMNI-A0311

E1215

PANL-A0042

OMNI-A0241

OMNI-A0290

PANL-A0056

SBA1327B

E1516

E1500

OMNI-A0135

OMNI-A0272

OMNI-A0142

PANL-A0052

WB26

HD2400M

HD2400Q

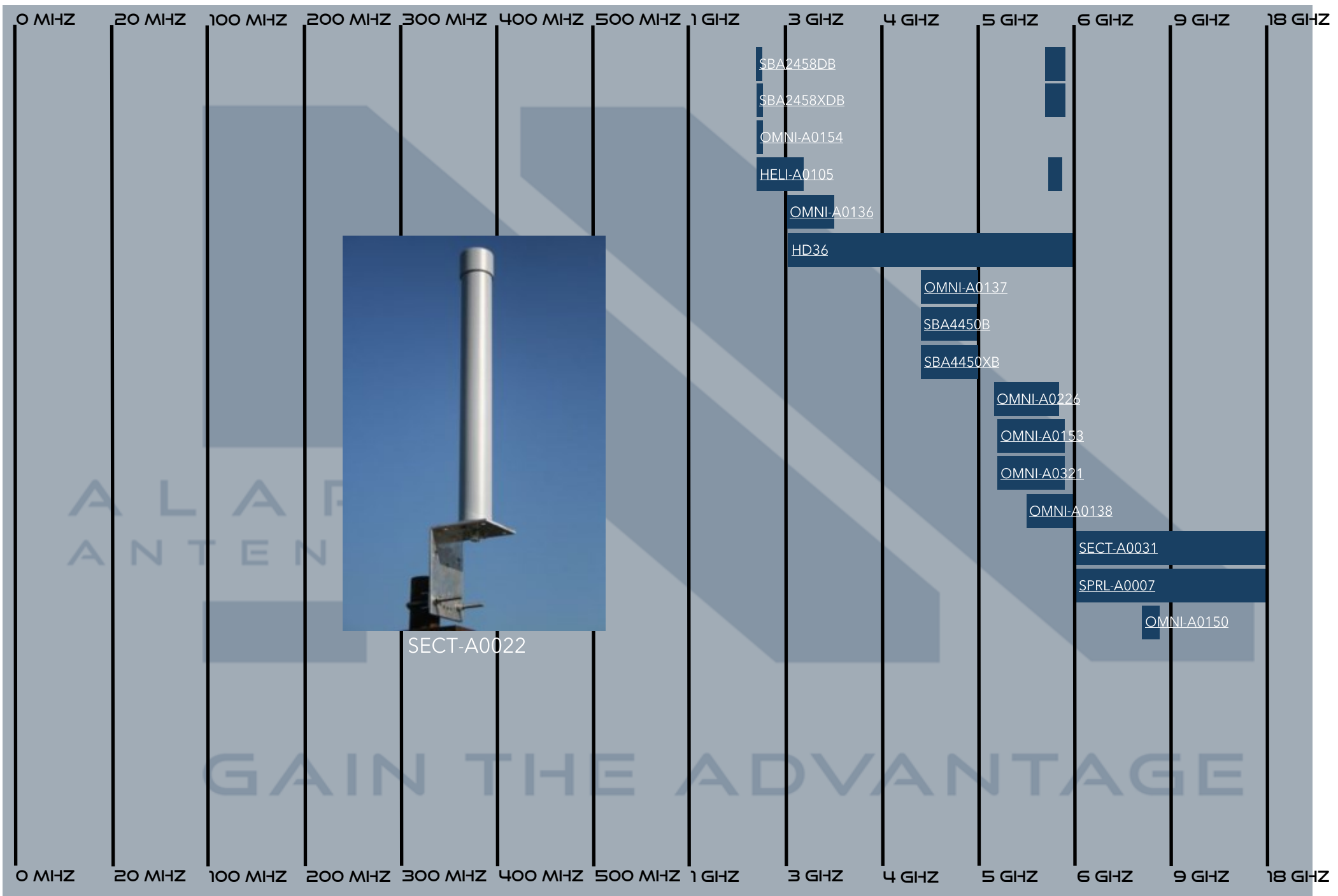
OMNI-A0108

SECT-A0022

0 MHz 20 MHz 100 MHz 200 MHz 300 MHz 400 MHz 500 MHz 1 GHz 3 GHz 4 GHz 5 GHz 6 GHz 9 GHz 18 GHz

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Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
BRKT-A022	Universal Quick-Mount Bracket	-	-	-	240 mm	-	120 mm	130 mm	550 g	-	-
MAST-A0001	Collapsible Mast	-	-	-	10000 mm	101.6 mm	-	-	24 kg	-	-
MAST-A0003	Lightweight Tactical Mast	-	-	-	9000 mm	-	-	-	< 13 kg	-	-
MISC-A0095	Non-Conductive Quad Pod	-	-	-	-	-	1600 mm	-	< 6 kg	-	-
RA22-1200-01 (RSB-6)	Spring Base for Whip Antenna	-	-	-	280 mm	130 mm	-	-	< 2.5 kg	M6 Stud	400 W
RA22-02XX-XX (UBS-6)	Universal Antenna Base, 6 Hole NATO	1 - 1000 MHz	-	-	230 mm	-	-	-	1.8 kg	N-Type (f) BNC (f)	400 W (1 - 30 MHz) 200 W (30 - 400 MHz) 100 W (400 - 1000 MHz)
RA22-02XX-XX (UBS-6G)	Universal Antenna Base with Built-In GPS Antenna	1 - 1000 MHz	-	-	230 mm	-	-	-	1.8 kg	N-Type (f) BNC (f)	400 W (1 - 30 MHz) 200 W (30 - 400 MHz) 100 W (400 - 1000 MHz)
RA22-1043-01 (UBS-4)	Universal Antenna Base, 4 Hole NATO	1 - 1000 MHz	-	-	230 mm	-	-	-	1.8 kg	N-Type (f)	400 W (1 - 30 MHz) 200 W (30 - 400 MHz) 100 W (400 - 1000 MHz)
RA22-1044-01 (UBS-4G)	Universal Antenna Base with Built-In GPS Antenna	1 - 1000 MHz	-	-	230 mm	-	-	-	1.8 kg	N-Type (f)	400 W (1 - 30 MHz) 200 W (30 - 400 MHz) 100 W (400 - 1000 MHz)
RA41-0XX-01	VCF Stand-off Bracket	1 - 1000 MHz	-	-	120 mm (011-01) 320 mm (013-01) 620 mm (016-01)	-	120 mm	80 mm	< 2.2 kg	N-Type (f)	400 W (1 - 30 MHz) 200 W (30 - 400 MHz) 100 W (400 - 1000 MHz)
RA01-0130-01 (RWD1000/1.5)	High Frequency Wideband Dipole Antenna	1.5 - 30 MHz	-	-	66000 mm	-	-	-	< 20 kg	N-Type (f)	1000 W
RA01-0175-01 (RWD7500/1.5)	High Frequency Wideband Dipole Antenna	1.5 - 30 MHz	-	-	66000 mm	-	-	-	< 125 kg	EIA 1 5/8"	7.5 kW
RA15-0074-02 (HF5M)	5 Metre HF Mobile Whip Antenna	1.6 - 30 MHz	-	-	5000 mm	-	-	-	2.8 kg	M6 Stud	400 W
RA22-0263-01 (RHF-6)	Spring Base for HF5M Mobile Whip Antenna	1.6 - 30 MHz	-	-	325 mm	130 mm	-	-	< 2 kg	M6 Stud	400 W
RA22-0264-01 (RHF-6G)	Spring Base for HF5M Mobile Whip Antenna	1.6 - 30 MHz	-	-	325 mm	130 mm	-	-	< 2 kg	M6 Stud	400 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
LPMA-A0010	HF Directional Antenna	2 - 30 MHz	12.5 dBi Max	Vertical	90000 mm	-	20000 mm	80000 mm	100 kg	7/16 (f)	2.5 kW
RA01-0125-01 (RWD1000)	High Frequency Wideband Dipole Antenna	2.5 - 30 MHz	-	-	46200 mm	-	-	-	5 kg	N-Type	1 kW
RA01-1022-01 (RTD2530)	HF Dipole Antenna	2.5 - 30 MHz	-	-	15000 mm	-	-	-	1.7 kg	BNC	400 W
RA01-116-01 (RWD125)	High Frequency Wideband Dipole Antenna	2.5 - 30 MHz	-	-	46200 mm	-	-	-	2.5 kg	N-Type	125 W
RA04-116-01 (RWD500)	High Frequency Wideband Dipole Antenna	2.5 - 30 MHz	-	-	46200 mm	-	-	-	6 kg	N-Type	500 W
RA52-0100-01 (TAC-HF)	HF Wideband Dipole Antenna	2.5 - 30 MHz	-	-	46200 mm	-	-	-	2.5 kg	BNC	125 W
RA10-118-01 (RLP10-30)	10 - 30 MHz Log Periodic Dipole Array	10 - 30 MHz	9 to 10 dBi	Horizontal	8000 mm	-	-	-	40 kg	PL259	1 kW
RA10-117-01 (RLP13-30)	13 - 30 MHz Log Periodic Dipole Array	13 - 30 MHz	6 to 7 dBi	-	6000 mm	-	-	-	20 kg	PL259	1 kW
WB2CC	Wideband Manpack VHF Antenna	20 - 108 MHz	Measured Patterns on Request	Vertical	-	36 mm	2000 mm	-	350 g	N-Type (m)	20 W
WB20CM	Low-profile Wideband Antenna	20 - 140 MHz	Measured Patterns on Request	Vertical	1630 mm	-	-	-	2.2 kg	N-Type (f)	100 W
WBC2600M	Ultra-Wideband Dual Port Antenna	20 - 512 MHz (Port 1) 500 - 6000 MHz (Port 2)	Measured Patterns on Request	Vertical	-	-	1730 mm	-	6.1 kg	N-Type (f)	140 W (Port 1) 80 W (Port 2) 100 W (Port 2) 150 W (Port 2) 200 W (Port 2)
WB30512M	Wideband VHF/UHF Vehicular Antenna	20 - 520 MHz	Measured Patterns on Request	Vertical	-	-	1930 mm	-	3.3 kg	N-Type (f)	100 W
WB30512XM	Wideband VHF/UHF Vehicular Antenna	20 - 520 MHz	Measured Patterns on Request	Vertical	-	-	2040 mm	-	4.9 kg	N-Type (f)	200 W
OMNI-A0068	Wideband Monitoring Omni Antenna	20 - 3000 MHz	0 dBi typical	Vertical	-	600 mm	1298 mm	-	12 kg	N-Type (f)	Receive Only
WBC256	Wideband Dual Port Vehicle Antenna	20 - 6000 MHz	Measured Patterns on Request	Vertical	1770 mm	-	-	-	6.5 kg	N-Type (f)	Port 1: 150 W Port 2: 100 - 200 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WB25175C	High Performance Manpack Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	36 mm	1620 mm	-	460 g max	N-Type (m)	20 W
WB25COM	High Performance Vehicle Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	-	2250 mm	-	3.45 kg	N-Type (f)	100 W
WB25512B	Manpack Antenna with Flexible Tape Radiator & Gooseneck	25 - 512 MHz	Measured Patterns on Request	Vertical	-	36 mm	1520 mm	-	500 g	N-Type (m)	30 W
WB25512R	High Performance Manpack Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	36 mm	1500 mm	-	490 g	N-Type (m)	30 W
WB25512W	Magnetic Mount Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	88 mm	1550 mm	-	1.1 kg	N-Type (f)	50 W
WB25512XR	High-Power Manpack Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	60 mm	1510 mm	-	660 g	N-Type (m)	50 W
WBC2300	Wideband Dual Port Vehicle Antenna	25 - 3000 MHz	Measured Patterns on Request	Vertical	-	-	1730 mm	-	6.1 kg	N-Type (f)	Port 1: 140 W Port 2: 100 - 200 W
OMNI-A0239	Vehicle-Mount V/UHF Antenna	30 - 88 MHz 225 - 512 MHz	-10 to -3 dBi	Vertical	200 mm	140 mm	-	-	5 kg	BNC (f) (Band A) N-Type (f) (Band B)	100 W (Band A) 50 W (Band B)
RA15-0851-03 (A43 Whip Antenna)	A43 Whip Antenna	30 - 88 MHz	-8 to 0 dB	Vertical	1570 mm	28 mm	-	-	< 0.5 kg	N-Type (m)	5 W
LPDA-A0161	Tactical Foldable LPDA	30 - 88 MHz	See Data Sheet	Adjustable (V & H)	1400 mm	-	550 mm	3100 mm	< 25 kg	N-Type (f)	100 W
ATA3090M	Autonomous Tunable Vehicle VHF Antenna	30 - 90 MHz	Measured Patterns on Request	Vertical	-	-	2000 mm	-	3 kg	N-Type (f)	50 W
TA3090M	Low Profile Active Vehicle VHF Antenna	30 - 90 MHz	Measured Patterns on Request	Vertical	-	-	2000 mm	-	3 kg	N-Type (f)	50 W
RA23-2403X-01 (REF30-90G)	Low Profile End-Fed Whip Antenna with Built-in GPS	30 - 90 MHz	-6 to 0 dB	Vertical	1850 mm	-	-	-	-	N-Type (f) SMA (f) (GPS)	50 W
RA23-2514X-01 (REF30-90)	Low Profile End-Fed Whip Antenna	30 - 90 MHz	-6 to 0 dB	Vertical	1850 mm	-	-	-	-	N-Type (f)	50 W
RA23-2518-01 (REF30-90S)	Low Profile End-Fed Whip Antenna	30 - 90 MHz	-9 to 0 dB	Vertical	1500 mm	-	-	-	-	N-Type (f)	50 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
RA24-0101-01 (RDA30-90)	30-90 Mhz Wire Discone Antenna	30 - 90 MHz	0 to 2 dBi	-	-	-	2700 mm	2000 mm	2.2 kg (Antenna) 3 kg (Mast)	-	100 W
RA24-0102-01 (RDA30-90S)	30-90 MHz Discone Antenna	30 - 90 MHz	0 to 2 dBi	-	-	-	2700 mm	2000 mm	2.5 kg (Antenna) 3 kg (Mast)	BNC (f)	100 W
RA52-0210-01 (TAC-VHF)	Tactical Discone Antenna	30 - 90 MHz	-	-	-	-	4000 mm	-	2.2 kg (Antenna) 3.9 kg (Mast)	TNC (f)	100 W
RA23-1891-01 (VCF30-108)	VCF Centre-Fed Dipole Antenna	30 - 108 MHz	-6 to 2 dBi	Vertical	3100 mm	-	-	-	-	UBS Bases VCF Brackets	50 W
WB3090B-S	Stationary Tactical VHF Antenna	30 - 110 MHz	Measured Patterns on Request	Vertical	-	-	3500 mm	-	4.2 kg	BNC (f)	75 W
RA23-1892-01 (VCF30-137)	VCF Centre-Fed Dipole Antenna	30 - 137 MHz	-6 to 2 dBi	Vertical	3100 mm	-	-	-	< 2.5 kg	UBS Bases VCF Brackets	50 W
WB30150M1	VHF Vehicle Antenna	30 - 150 MHz	Measured Patterns on Request	Vertical	-	-	1990 mm	-	2.1 kg	-	100 W
WB30175W	Magnetic Mount Antenna	30 - 175 MHz	Measured Patterns on Request	Vertical	-	88 mm	1520 mm	-	950 g	N-Type (f)	50 W
TA3925M	Active Vehicle Antenna	30 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1920 mm	-	3 kg	N-Type (f)	50 W
WB30512H1	Compact Handheld Antenna	30 - 512 MHz	Measured Patterns on Request	Vertical	-	-	480 mm	-	160 g	-	10 W
WBC3924	Dual-Port Vehicle Antenna	30 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1540 mm	-	4.5 kg	N-Type (f)	50 W
TA30512B	Active Wideband Manpack Antenna	30 - 520 MHz	Measured Patterns on Request	Vertical	-	-	450 mm	-	200 g	N-Type (m)	10 W
TA30512H	Active Wideband Handheld Antenna	30 - 520 MHz	Measured Patterns on Request	Vertical	-	22 mm	440 mm	-	140 g	TNC-Type (m)	5 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0262	Tri-Band Vehicle Antenna	30 - 2100 MHz	-7 to -3 dBi (30-88 MHz) 1 to 3 dBi (225-512 MHz) 0 to 2 dBi (2025-2100 MHz)	Vertical	2600 mm	-	-	-	4.5 kg	N-Type (f) (30-88 MHz) BNC (f) (225-512 MHz) TNC (f) (2025-2100 MHz)	100 W (30-88 MHz) 75 W (225-512 MHz) 10 W (2025-2100 MHz)
SYST-A0005	LPDA Marine Monitoring System with Rotator	30 - 3000 MHz	4 dBi	Vertical	5700 mm	-	2000 mm	-	150 kg	-	200 W, 100 W
OMNI-A0332	High-Powered Wideband Discone Antenna	100 - 400 MHz	0 to 2 dBi	Vertical	-	1000 mm	1000 mm	-	6.5 ± 0.5 kg	N-Type (f)	500 W
RA10-120-01 (RLP100-500)	100-500 MHz Log Periodic Dipole Array	100 - 500 MHz	6 dBi	Linear (Vertical or Horizontal)	1250 mm	-	-	1580 mm	5 kg	N-Type (f)	400 W
LPDA-A0157	Dual-Polarised LPDA Antenna	100 - 500 MHz	> 6 dBi	Dual Linear	2100 mm	-	1700 mm	1700 mm	< 16 kg	N-Type (f)	100 W
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
RA23-1980-01 (VCF108-175)	Ground-Air / Marine Band Centre-Fed Dipole Antenna	108 - 175 MHz	0 to 2 dBi	Vertical	1500 mm	-	-	-	3.2 kg	UBS Bases VCF Brackets	100 W
OMNI-A0296	Dual-Port Omni Antenna	108 - 520 MHz	-3 to 2 dBi (Port 1) 11 to 16 dBi (Port 2)	Vertical	< 3000 mm	50 mm	-	-	< 5 kg	N-Type (f)	100 W (Port 1) Receive Only (Port 2)
RA23-1786-01 (VCF115-175)	Ground-Air / Marine Band Centre-Fed Dipole Antenna	115 - 175 MHz	0 to 2 dBi	Vertical	1340 mm	-	-	-	3.18 kg	UBS Bases VCF Brackets	100 W
RA23-1469-01 (VCF115-420)	V/UHF Wideband Centre-Fed Dipole Antenna	115 - 420 MHz	-3 to 2 dBi	Vertical	1020 mm	-	-	-	3 kg	UBS Bases VCF Brackets	50 W
RA23-1470-01 (VCF115-512)	V/UHF Wideband Centre-Fed Dipole Antenna	115 - 512 MHz	-3 to 2 dBi	Vertical	1250 mm	-	-	-	3 kg	UBS Bases VCF Brackets	50 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
RA23-3526-01 (VCF118-137)	Ground-Air / Marine Band Centre-Fed Dipole Antenna	118 - 137 MHz	0 to 2 dBi	Vertical	< 1250 mm	-	-	-	1.3 kg	UBS Bases VCF Brackets	100 W
WBCX512H	Lightweight Handheld Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	25 mm	485 mm	-	140 g	N-Type (m)	16 W
WBCX512P	Lightweight Manpack Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	22 mm	450 mm	-	160 g	N-Type (m)	16 W
WBCX512Q	Manpack Antenna with Shock Absorption Spring	118 - 512 MHz	Measured Patterns on Request	Vertical	-	43 mm	495 mm	-	320 g	N-Type (m)	10 W
WBCX512W	Magnetic Mount Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	88 mm	430 mm	-	900 g	N-Type (f)	50 W
WD1350M	Centre-Fed Dipole Vehicle Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1240 mm	-	3 kg	N-Type (f)	100 W
WD1350M-B	Wideband VHF/UHF Dipole Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	120 mm	-	1140 mm	150 mm	3 kg	N-Type (f)	100 W
WD1350Q	Wideband VHF/UHF Dipole Manpack Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	-	940 mm	-	550 g	N-Type (m)	50 W
OMNI-A0206	Dual-Band V/UHF High Power Antenna	120 - 450 MHz 800 - 1000 MHz	-3 to 2 dBi (Band A) 0 to 1 dBi (Band B)	Vertical	1450 mm	-	-	-	3.2 kg	N-Type (f)	50 W
MONO-A0055	High-Power VHF Antenna	136 - 174 MHz	2 dBi	Vertical	25 mm (Loop) 60 mm (Base)	-	360 mm	240 mm (Loop) 270 mm (Base)	4 kg	N-Type (f)	250 W
RA22-437-01 (RD136-174/2)	Mast Mountable Centre- Fed Dipole Antenna	136 - 174 MHz	2 dBi	Vertical	1060 mm ± 5 mm	-	-	-	2.75 kg	N-Type (f)	50 W
RA23-1459-01 (VCF136-174)	VHF Centre-Fed Dipole Antenna	136 - 174 MHz	0 to 2 dBi	Vertical	1300 mm	-	-	-	3 kg	UBS Bases VCF Brackets	100 W
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
RA23-1439-01 (VCF225-420)	UHF Gnd-Air/Gnd-Gnd Centre-Fed Dipole Antenna	225 - 420 MHz	0 to 2 dBi	Vertical	720 mm	-	-	-	2.75 kg	UBS Bases VCF Brackets	50 W
WD2245M	Wideband VHF/UHF Vehi- cle Antenna	225 - 450 MHz	Measured Patterns on Request	Vertical	-	-	720 mm	-	2.4 kg	N-Type (f)	100 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
HD2245M	High Gain VHF/UHF Vehicle Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1360 mm	-	2.4 kg	N-Type (f)	75 W
HD2245M-B	VHF/UHF High Gain Dipole Antenna for Mast Mount	225 - 512 MHz	Measured Patterns on Request	Vertical	150 mm	-	1260 mm	120 mm	2.4 kg	N-Type (f)	75 W
WB2250H	Wideband VHF/UHF Handheld Monopole Antenna	225 - 512 MHz	-1 to 1 dBi	Vertical	-	18 mm	280 mm	-	70 g	TNC (m)	10 W
WD2245Q	Wideband VHF/UHF Dipole Manpack Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	660 mm	-	490 g	N-Type (m)	60 W
WD2250G	Wideband VHF/UHF Dipole Manpack Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	620 mm	-	220 g	TNC (m)	20 W
WD2250M	Wideband VHF/UHF Vehicle Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	740 mm	-	1.8 kg	N-Type (f)	100 W
WD2250M-B	VHF/UHF Dipole Antenna for Mast Mount	225 - 512 MHz	Measured Patterns on Request	Vertical	150 mm	-	640 mm	120 mm	1.8 kg	N-Type (f)	100 W
PATCH-A0034	High Gain Patch Antenna	336 - 366 MHz	8 dBi	Vertical	460 mm	-	430 mm	80 mm	1.1 kg	N-Type (f)	20 W
RA23-1561-01 & RA23-1562-01 (VCF380-430 TETRA)	Mobile Tetra Centre-Fed Dipole Antenna	380 - 430 MHz	2 to 5 dBi	Vertical	700 mm	-	-	-	2.75 kg	UBS Bases VCF Brackets	50 W
SPRL-A0005	High Power Circular Polarised Antenna	400 - 450 MHz	> 6 dBi	-	900 mm	510 mm	-	-	< 18 kg	7/16 (f)	700 W
YAGI-A0027	High Gain Yagi Antenna	400 - 450 MHz	10 to 11 dBi	Linear (Horizontal)	< 1200 mm	-	120 mm	370 mm	< 2 kg	N-Type (f)	800 W
RA23-1442-01 (VCF400-470)	UHF Centre-Fed Dipole Antenna	400 - 470 MHz	0 to 2 dBi	Vertical	490 mm	-	-	-	750 g	UBS Bases VCF Brackets	100 W
WD4050M	Wideband UHF Vehicle Antenna	400 - 500 MHz	Measured Patterns on Request	Vertical	-	-	510 mm	-	1.7 kg	N-Type (f)	200 W
RA23-1445-01 (VCF400-520)	UHF Centre-Fed Dipole Antenna	400 - 520 MHz	0 to 2 dBi	Vertical	490 mm	-	-	-	750 g	UBS Bases VCF Brackets	50 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WB425M	Wideband UHF/SHF Vehicle Antenna	400 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
RA12-0625-XX (RPD410-510)	UHF Centre-Fed Dipole Antenna	410 - 510 MHz	2 dBi	Vertical	< 337 mm	< 17 mm	-	-	< 80 g	BNC (m)	1 W
RA23-1446-01 (VCF410-510)	UHF Centre-Fed Dipole Antenna	410 - 510 MHz	0 to 2 dBi	Vertical	500 mm	-	-	-	750 g	UBS Bases VCF Brackets	50 W
HELI-A0103	Dual Port Helical Antenna	433 - 435 MHz 900 - 930 MHz	> 12 dBi	RHCP	1382 mm	-	-	691 mm	< 15 kg	N-Type (f)	100 W CW
WB525G	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	465 mm	-	500 g	N-Type (m)	40 W
WD528Q	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	400 mm	-	365 g	N-Type (m)	50 W
OMNI-A0091	Data-Link Antenna	500 - 1500 MHz	5 to 8 dBi	Vertical	-	75 mm	1400 mm	-	< 2.5 kg	N-Type (f)	200 W
WB922M	Compact Low-Profile Vehicle Antenna	500 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	-	200 W
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 Graph	Linear	330 mm	-	-	440 mm	<3.7 kg	N-Type (f)	Receive Only
PANL-A0041	High Gain Panel	610 - 960 MHz	15 ± 2 dBi	Linear	1200 mm	-	1200 mm	100 mm	< 10 kg	N-Type (f)	50 W
HD827M	High Gain GSM/3G/LTE Vehicle Antenna	790 - 2700 MHz	4 dBi	Vertical	-	-	560 mm	-	1.1 kg	N-Type (f)	85 W (790 MHz - 1 GHz) 65 W (1 - 1.7 GHz) 60 W (1.7 - 2.2 GHz) 55 W (2.2 - 2.7 GHz)

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
HD827Q	High Gain GSM/3G/LTE Manpack Antenna	790 - 2700 MHz	Measured Patterns on Request	Vertical	-	-	535 mm	-	410 g	N-Type (m)	85 W (790 MHz - 1 GHz) 65 W (1 - 1.7 GHz) 60 W (1.7 - 2.2 GHz) 55 W (2.2 - 2.7 GHz)
HD820Q	High Gain Dual-Band Manpack Antenna	800 - 960 MHz 1710 - 2170 MHz	2 dBi (800 - 960 MHz) 4 dBi (1710 - 2170 MHz)	Vertical	-	-	560 mm	-	390 g	N-Type (m)	85 W (800 - 960 MHz) 55 W (1.71 - 2.17 GHz)
HD921M	High Gain Triband Vehicle Antenna	800 - 960 MHz 1710 - 1990 MHz 2110 - 2170 MHz	3 dBi (800 - 960 MHz) 4 dBi (1710 - 2170 MHz)	Vertical	-	-	600 mm	-	2 kg	N-Type (f)	115 W (800 - 960 MHz) 80 W (1.71 - 1.99 GHz) 75 W (2.11 - 2.17 GHz)
OMNI-A0277	GSM Dipole Antenna	800 - 1000 MHz	1 dBi	Vertical	-	35 mm	400 mm	-	250 g	N-Type (f)	50 W
WB922Q	Wideband Manpack Antenna	800 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	340 mm	-	370 g	N-Type (m)	50 W
HD921Q	High Gain Triband Manpack Antenna	870 - 960 MHz 1710 - 1990 MHz 2110 - 2170 MHz	3 dBi (870 - 960 MHz) 4 dBi (1.71 - 1.99 GHz & 2.11 - 2.17 GHz)	Vertical	-	-	540 mm	-	440 g	N-Type (m)	90 W (870 - 960 MHz) 65 W (1.71 - 1.99 GHz) 60 W (2.11 - 2.17 GHz)
SPRL-A0010	Dual Port Circular Polarised Antenna	900 - 6000 MHz	> 6 dBi	RHCP / LHCP	-	165 mm (Radome) 220 mm (Flange)	-	-	< 2 kg	N-Type (f)	100 W (Band A) 50 W (Band B)
OMNI-A0305	High Gain Link-16 Omni Antenna	960 - 1300 MHz	3.5 to 5 dBi	Vertical	-	35 mm	400 mm	-	< 180 g	N-Type (m) (-01) TNC (m) (-02)	50 W
SPRL-A0018	High Power Circular Polarised Antenna	1000 - 1600 MHz	12 dBi	RHCP	1000 mm	160 mm	-	-	< 3 kg	N-Type (f)	50 W
OMNI-A0276	GSM Dipole Antenna	1000 - 2400 MHz	1 dBi	Vertical	-	35 mm	400 mm	-	250 g	N-Type (f)	50 W
SPRL-A0027	LHCP Cavity Backed Spiral Antenna	1000 - 6000 MHz	3 to 7 dBi	LHCP	72 mm	163 mm	-	-	500 g	SMA (f)	10 W CW
SECT-A0030	Wideband 180-degree Sector Antenna	1000 - 6000 MHz	2 to 4 dBi	Linear, vertical/horizontal/slant	250 mm	-	250 mm	< 180 mm	< 2 kg	N-Type (m)	Receive Only
SPRL-A0008	High Power Circular Polarised Antenna	1000 - 6000 MHz	> 6 dBi	LHCP	320 mm	150 mm	-	-	< 4 kg	N-Type (f)	50 W
OMNI-A0263	ADS-B MLAT Antenna	1030 - 1090 MHz	10 ± 1 dBi	Vertical	-	-	2700 mm	-	25 kg	N-Type (f)	200 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
OMNI-A0109	High Gain L-Band Omni	1150 - 1400 MHz	4 to 5 dBi	Vertical	-	< 25 mm	< 350 mm	-	200 g	N-Type (m) (01/04) TNC (m) (02/03)	20 W
OMNI-A0198	Vehicle-Mount High Gain L-Band Omni	1150 - 1400 MHz	4 to 5 dBi	Vertical	450 mm	35 mm (Antenna) 135 mm (Base)	-	-	700 g	-	20 W
SECT-A0021	L-Band Sector Antenna	1150 - 1400 MHz	11.5 to 12 dBi	Vertical, Linear	-	70 mm	870 mm	-	-	N-Type (f) (-01) TNC (f) (-02)	12 W
HELI-A0104	Dual Port Helical Antenna	1160 - 1260 MHz 1559 - 1610 MHz	> 12 dBi	RHCP	432 mm	-	608 mm	248 mm	< 3 kg	N-Type (f)	100 W CW
OMNI-A0311	Wideband Omni Directional Antenna	1200 - 1700 MHz	0 to 2 dBi	Vertical	< 180 mm	22 mm	-	-	< 200 g	SMA (m)	10 W
E1215	Heavy Duty L1/L2 GPS Antenna	1227.60 MHz 1575.42 - MHz	24 dB	RHC	-	-	50 mm	-	1.1 kg	N-Type (f)	-
PANL-A0042	High Gain Panel	1350 - 1850 MHz	19 ± 2 dBi	Linear	1200 mm	-	1200 mm	100 mm	< 10 kg	N-Type (f)	50 W
OMNI-A0241	Wideband Dual-Polarised Omni Antenna	1350 - 2310 MHz	> 5.5 dBi	Horizontal & Vertical	1100 mm	120 mm	-	-	< 2.9 kg	N-Type (f)	10 W
OMNI-A0290	Wideband Dual-Polarised Omni Antenna	1350 - 2310 MHz	3 dBi	Dual Polarised	640 mm	120 mm	-	-	< 2.5 kg	N-Type (f)	10 W
PANL-A0056	High Gain MIMO Panel	1350 - 2690 MHz	See Data Sheet	Linear (HP & VP)	600 mm	-	322 mm	80 mm	< 5 kg	N-Type (f)	10 W
SBA1327B	Switched Beam Antenna for UHF III+	1350 - 2700 MHz	15 to 19 dBi	Vertical	-	500 mm	350 mm	-	15 kg	N-Type (f)	10 W
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-A0135	High Gain L-Band Omni	1600 - 1900 MHz	4 to 5 dBi	Vertical	-	22 mm	340 mm	-	100 g	TNC (m)	20 W
OMNI-A0272	Wideband Dual-Polarised Omni Antenna	1700 - 2700 MHz	4 dBi	Horizontal & Vertical	1100 mm	120 mm	-	-	< 2 kg	N-Type (f)	10 W
OMNI-A0142	High Gain S-Band Omni	2000 - 2500 MHz	4 to 5 dBi	Vertical	-	22 mm	330 mm	-	100 g	TNC (m)	20 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
PANL-A0052	Wideband High Gain Directional Antenna	2000 - 2500 MHz	12 dBi	Linear, vertical/horizontal/slant	< 200 mm	-	60 mm	200 mm	< 1 kg	N-Type (f)	10 W
WB26	Wideband UHF/SHF Manpack Antenna	2000 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	180 mm	-	250 g	N-Type (m)	50 W
HD2400M	High Gain Vehicle Antenna	2100 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	620 mm	-	2 kg	N-Type (f)	50 W
HD2400Q	High Gain Manpack Antenna	2100 - 2500 MHz	3 - 8 dBi	Vertical	-	-	545 mm	-	460 g	N-Type (m)	20 W
OMNI-A0108	High Gain S-Band Omni	2300 - 2700 MHz	4 to 5 dBi	Vertical	-	25 mm	300 mm	-	100 g	N-Type (m) (-01) TNC (m) (-02)	20 W
SECT-A0022	High Gain S-Band Sector Antenna	2300 - 2700 MHz	12 dBi	Vertical	-	60 mm	500 mm	-	1 kg	N-Type (m) (-01) TNC (m) (-02)	20 W
SBA2458DB	Dual Band Switched Beam Antenna	2400 - 2500 MHz 5700 - 5900 MHz	11 dBi @ 2.45 GHz 15 dBi @ 5.8 GHz	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	10 W
SBA2458XDB	High Power Dual Band SBA	2400 - 2500 MHz 5700 - 5900 MHz	11 dBi @ 2.45 GHz 15 dBi @ 5.8 GHz	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	100 W
OMNI-A0154	2.4 GHz Manpack Communications Antenna	2400 - 2500 MHz	6 dBi ± 1 dB	Linear, vertical	460 mm	22 mm	-	-	< 200 g	N-Type (m)	10 W
HELI-A0105	Dual Helical Antenna	2400 - 2500 MHz 5725 - 5875 MHz	> 12 dBi	RHCP	362 mm	161 mm	-	-	< 1 kg	N-Type (f)	100 W CW
OMNI-A0136	High Gain S-Band Omni	3000 - 3500 MHz	4 to 5 dBi	Vertical	-	22 mm	< 230 mm	-	100 g	TNC (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)
OMNI-A0137	High Gain C-Band Omni	4400 - 5000 MHz	4 to 5 dBi	Vertical	-	22 mm	180 mm	-	100 g	TNC (m)	10 W
SBA4450B	Switched Beam Antenna for 4.4 to 5 GHz	4400 - 5000 MHz	15 dBi	Vertical	-	270 mm	270 mm	-	7 kg	N-Type (f)	10 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
SBA4450XB	High Power SBA	4400 - 5000 MHz	15 dBi	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	100 W
OMNI-A0226	5 GHz Manpack Communications Antenna	5180 - 5830 MHz	See Data Sheet	Linear, Vertical	460 mm	22 mm	-	-	< 250 g	N-Type (m)	10 W
OMNI-A0153	5 GHz Manpack Communications Antenna	5200 - 5900 MHz	See Data Sheet	Linear, vertical	460 mm	22 mm	-	-	< 250 g	N-Type (m)	10 W
OMNI-A0321	5 GHz Vehicle-Mount Communications Antenna	5200 - 5900 MHz	See Data Sheet	Linear, vertical	700 mm	35 mm	-	-	< 1 kg	N-Type (m)	10 W
OMNI-A0138	High Gain C-Band Omni	5500 - 6000 MHz	4 to 5 dBi	Vertical	-	22 mm	180 mm	-	100 g	TNC (m)	10 W
SECT-A0031	Wideband 180-Degree Sector Antenna	6000 - 18000 MHz	2 to 4 dBi	Linear, vertical/ horizontal/slant	-	150 mm	150 mm	< 100 mm	< 2 kg	N-Type (m)	Receive Only
SPRL-A0007	LHCP Cavity Backed Spiral Antenna	6000 - 18000 MHz	3 to 7 dBi	LHCP	67 mm	120 mm	-	-	500 g	SMA (f)	-
OMNI-A0150	High Gain X-Band Omni	8100 - 8600 MHz	4 to 5 dBi	Vertical	-	22 mm	120 mm (01/02/03) 200 mm (04)	-	120 g (01) 80 g (02/03) 250 g (04)	N-Type (m) (01/04) TNC (m) (02) SMA (m) (03)	5 W

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