



HIGH POWER TRANSMIT ANTENNAS



ALARIS
ANTENNAS

GAIN THE ADVANTAGE

HIGH POWER TRANSMIT ANTENNAS

Alaris Antennas offers a range of antennas for antenna testing and high-power transmit applications. Typically, these are used to prevent unauthorised communications from functioning, either by preventing communications entirely or by introducing spurious messages into the communications system. Antennas that cover public broadcast bands can also be used to establish temporary or permanent broadcast facilities to disseminate information to the general public.



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

DIPL-A0047

LPDA-A0029

LPDA-A0098

LPDA-A0101

OMNI-A0280

WB2CC

WB20140M

WB20CM

WB20200M

WB20220A

LPDA-A0070

OMNI-A0046-01

WBC2600M

WB30512M

WB30512XM

LPDA-A0077

DIPL-A0045

LPDA-A0033

LPDA-A0036

WBC256

WB25175E

WB25175M

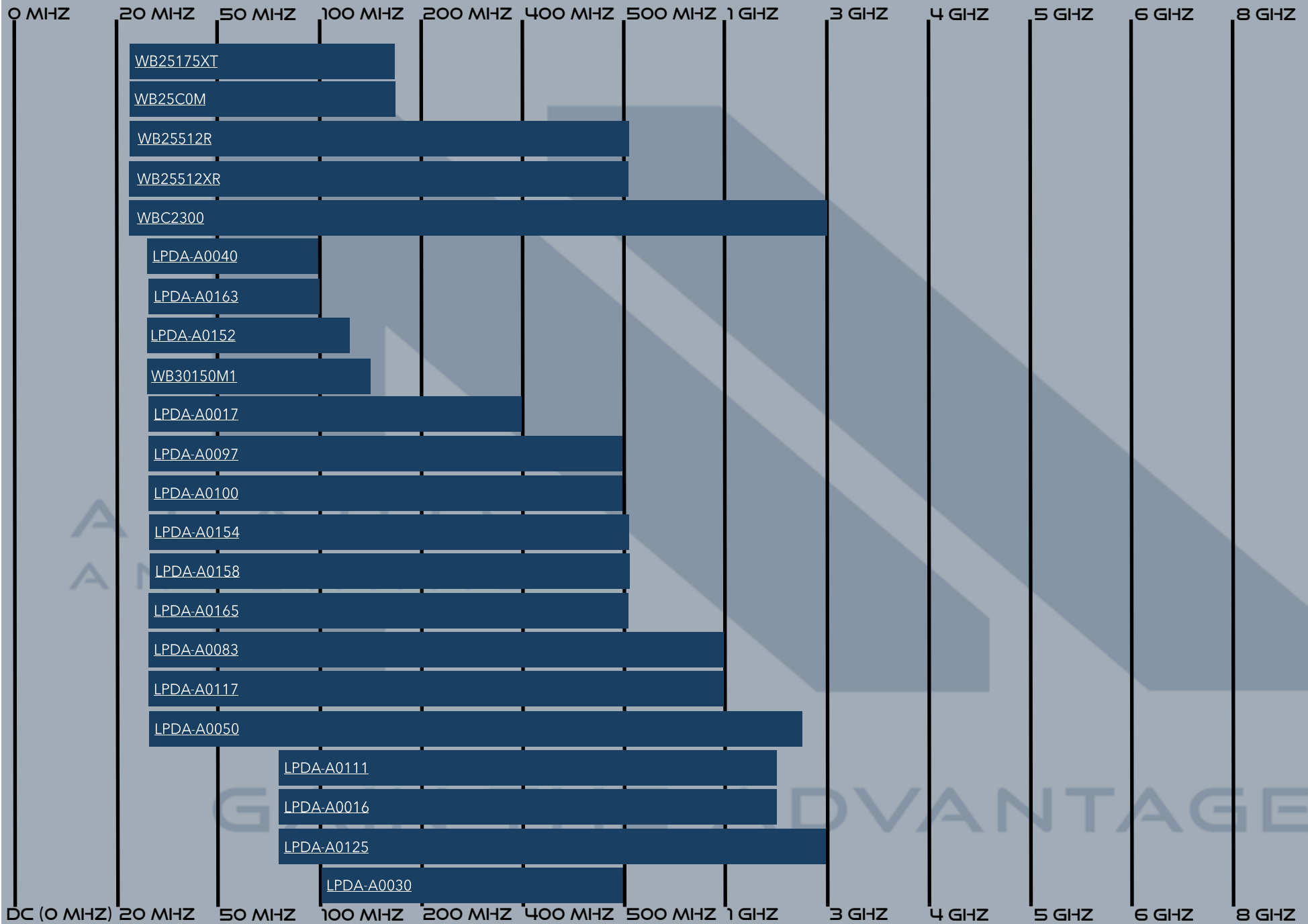


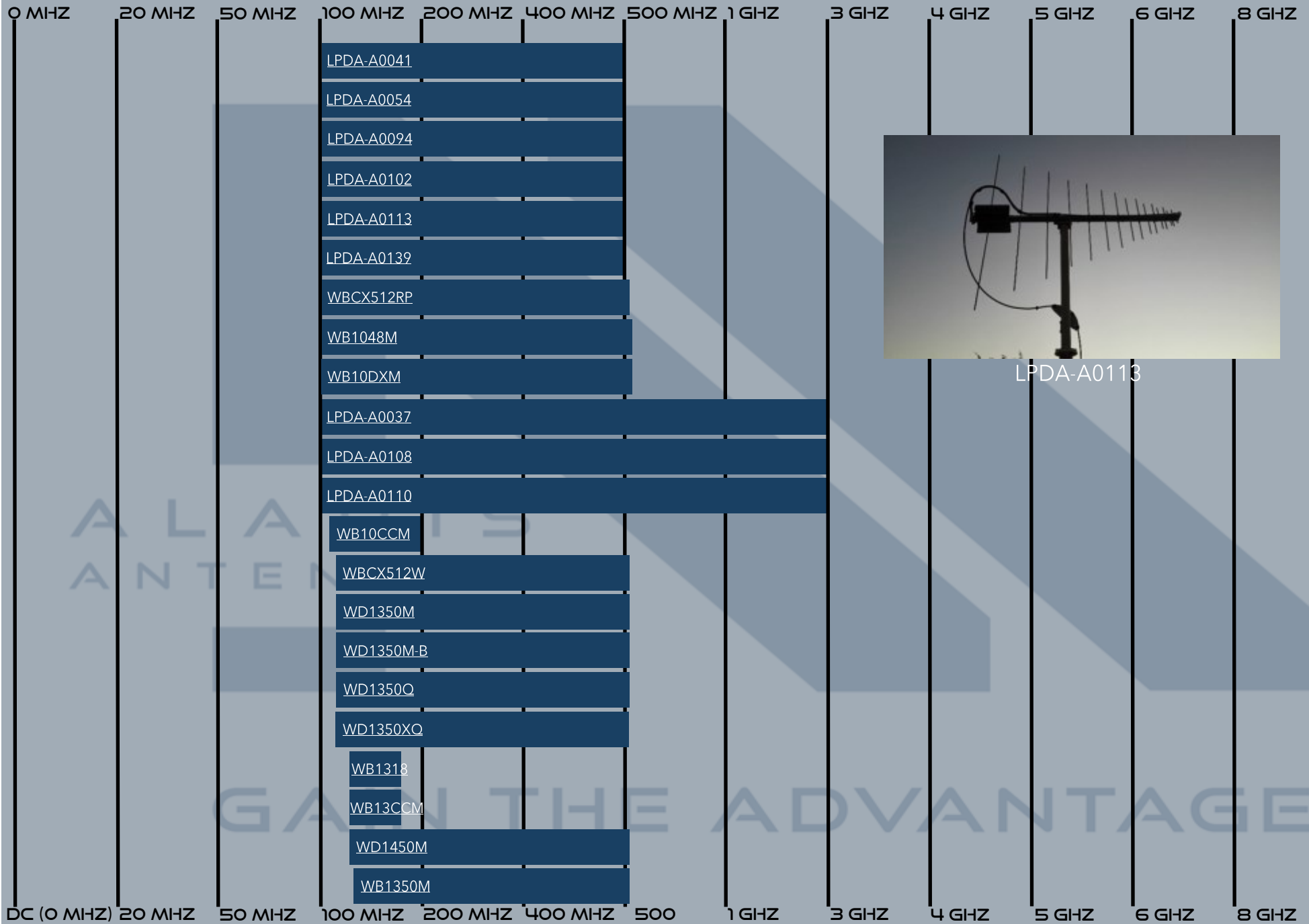
LPDA-A0036



DIPL-A0045

DC (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





LPDA-A0113

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

WB1450M

WB2060M

LPDA-A0153

WB225M

LPDA-A0076

WD2245M

HD2245M

HD2245M

WD2245Q

WD2245RQ

WD2250M

LPDA-A0080

LPDA-A0005

OMNI-A0351

HD4050M

WD4050M

HD4050Q

LPDA-A0073

SPRL-A0020

LPDA-A0084

LPDA-A0112

WB425M

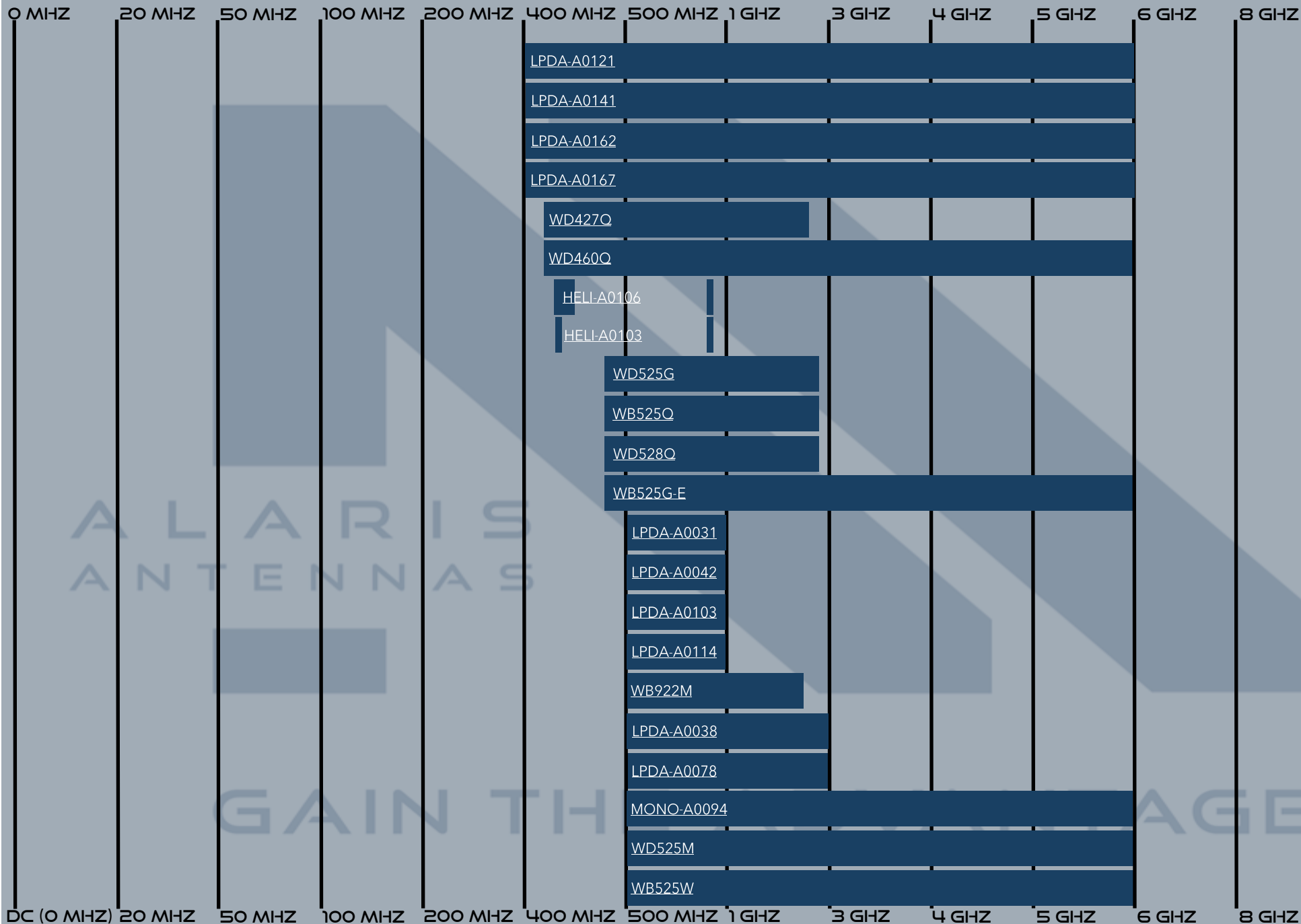


LPDA-A0005



SPRL-A0020

DC (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



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

OMNI-A0265-01

OMNI-A0265-02

OMNI-A0266

OMNI-A0347

WD560P

HD827XM

HD827M

HD827Q

HD827XQ

HD820Q

HD921M

LPDA-A0075

WB922G

WB922G-GE

WB922Q

LPDA-A0052

LPDA-A0067

LPDA-A0105

LPDA-A0123

LPDA-A0081

HD921Q

WB860M



LPDA-A0123



OMNI-A0265

DC (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

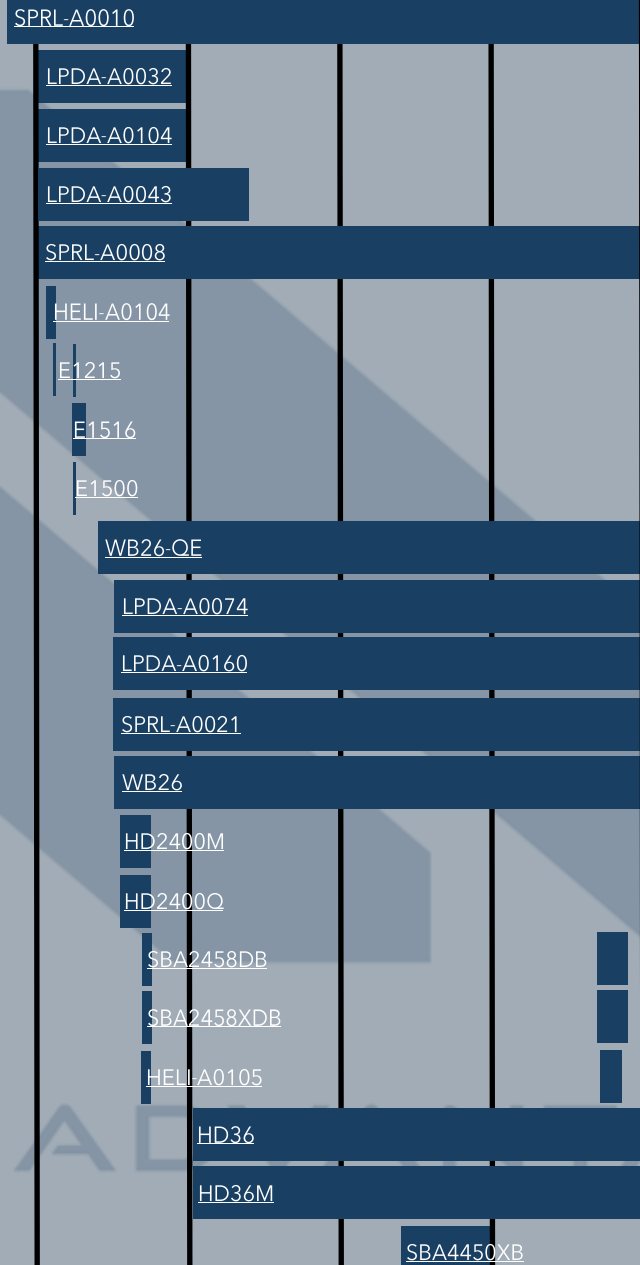
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LPDA-A0104



SPRL-A0010



DC (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

HIGH POWER TRANSMIT 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	-	-
OMNI-A0287	High-Power HF Omni-Directional Antenna	1 - 30 MHz	-	Linear (vertical or horizontal)	5000 mm	-	14000 mm	-	700 kg	7/16 (f)	2 kW CW
OMNI-A0289	High-Power HF Omni-Directional Antenna	1 - 30 MHz	-	Vertical	5000 mm	-	14000 mm	-	700 kg	7/8"	10 kW CW
MONO-A0025	Wideband HF Monopole	1 - 30 MHz	-	-	6000 mm	330 mm	-	-	< 29.2 kg	N-Type (f)	1000 W
MONO-A0082	Wideband HF Monopole	1 - 30 MHz	-	-	6000 mm	330 mm	-	-	< 29.2 kg	N-Type (f)	2.5 kW
MONO-A0092	Tunable Wideband HF Monopole	1 - 30 MHz	0 dBi	-	6000 mm	330 mm	-	-	< 35 kg	N-Type (f)	1000 W
OMNI-A0092	Wideband HF High-Power Antenna System	1 - 30 MHz	-	Linear	8000 mm	5000 mm	-	-	350 kg	N-Type (f)	1 kW
OMNI-A0246	Wideband HF High-Power Antenna System	1 - 30 MHz	-	Vertical	1450 mm	< 5000 mm	-	-	< 700 kg	EIA 1 5/8"	7.5 kW
OMNI-A0300	Wideband HF High-Power Antenna System	1 - 30 MHz	-	Linear	8000 mm	5000 mm	-	-	350 kg	N-Type (f)	2.5 kW
DIPL-A0056	HF Inverted V Dipole Antenna	1.5 - 30 MHz	-	Linear	90000 mm	-	10000 mm	10000 mm	17 kg	N-Type (f)	1000 W
TW-A0002	Man-Portable HF Directional Antenna	1.5 - 30 MHz	See Data Sheet	Vertical	100000 mm	-	10000 mm	2000 mm	< 15 kg	-	1 kW
TW-A0003	Man-Portable HF Directional Antenna	1.5 - 30 MHz	See Data Sheet	Vertical	100000 mm	-	10000 mm	2000 mm	< 15 kg	-	10 kW
TW-A0004	Man-Portable HF Directional Antenna	1.5 - 30 MHz	See Data Sheet	Vertical	100000 mm	-	10000 mm	2000 mm	< 15 kg	-	2.5 kW
LPDA-A0107	Mobile HF Monitoring / High-Power LPDA	2 - 30 MHz	9 dBi	Horizontal	90000 mm	-	20000 mm	80000 mm	100 kg	7/16 (f)	2.5 kW
LPDA-A0150	Wideband Foldable LPDA Antenna	20 - 100 MHz	6 dBi typical	Adjustable, vertical or horizontal	6400 mm	550 mm	5700 mm	-	< 45 kg	7/16 (f)	2000 W
DIPL-A0047	Compact Wideband Dipole	20 - 100 MHz	-16 to 5 dBi	Linear (vertical or horizontal)	2500 mm	500 mm	-	1000 mm	10 kg	N-Type (f)	400 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
LPDA-A0029	High-Power LPDA	20 - 100 MHz	6 dBi	Adjustable, Vertical & horizontal	6320 mm	-	-	5700 mm	38 kg	7/16 (f)	2 kW
LPDA-A0098	High-Power Wire LPDA Antenna	20 - 100 MHz	6 dBi	Adjustable upon installation	8550 mm	-	560 mm	6480 mm	42 kg	7/16 (f)	1000 W
LPDA-A0101	Very High-Power LPDA	20 - 100 MHz	6 dBi	Adjustable, vertical & horizontal	7036 mm	-	-	8708 mm	53 kg	1 5/8" (f)	5 kW
OMNI-A0280	Wideband Omni-Directional Antenna	20 - 100 MHz	> -6 dBi	Vertical	-	1790 mm	2454 mm	-	18 kg	7/16 (f)	3 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
WB20140M	Wideband VHF Vehicle Antenna	20 - 140 MHz	Measured Patterns on Request	Vertical	1980 mm	-	-	-	2.2 kg	N-Type (f)	100 W
WB20CM	Low-profile Wideband Antenna	20 - 140 MHz	Measured Patterns on Request	Vertical	1630 mm	-	-	-	2.2 kg	N-Type (f)	100 W
WB20200M	High-Performance Vehicle Antenna	20 - 200 MHz	Measured Patterns on Request	Vertical	-	-	2270 mm	-	2.8 kg	N-Type (f)	100 W
WB20220A	Short & Lightweight Manpack Antenna	20 - 220 MHz	Measured Patterns on Request	Vertical	-	36 mm	1000 mm	-	335 g	N-Type (m)	20 W
LPDA-A0070	Dual-Polarised LPDA Antenna	20 - 500 MHz	5.5 dBi	Dual (vertical & horizontal)	6700 mm	-	-	5700 mm	46 kg	N-Type (f)	100 W
OMNI-A0046-01	Wideband Omni-Directional Antenna	20 - 500 MHz	See Data Sheet	Vertical	-	2450 mm	2307 mm	-	18 kg	7/16 (f)	1.2 kW
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	High-Performance Vehicle Antenna	20 - 520 MHz	Measured Patterns on Request	Vertical	1930 mm	-	-	-	3.3 kg	N-Type (f)	100 W
WB30512XM	High-Performance Vehicle Antenna with High Power Handling	20 - 520 MHz	Measured Patterns on Request	Vertical	2040 mm	-	-	-	4.9 kg	N-Type (f)	200 W
LPDA-A0077	High-Power LPDA Antenna	20 - 520 MHz	> 2.5 to > 5 dBi	Adjustable with deployment	5200 mm	-	-	7000 mm	< 50 kg	7/16 (f)	1000 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
DIPL-A0045	Wideband Omni-Directional High-Power Antenna	20 - 1000 MHz	See Data Sheet	Vertical	-	-	6000 mm	2000 mm	36 kg	7/16 (f)	500 W
LPDA-A0033	Wideband LPDA Antenna	20 - 3000 MHz	6 dBi	Linear (vertical or horizontal)	6200 mm	-	-	5700 mm	32 kg	7/16 (f)	1000 W
LPDA-A0036	Wideband LPDA Antenna	20 - 3000 MHz	6 dBi	Adjustable (vertical or horizontal)	2882 mm	-	829 mm	2804 mm	20 kg	7/16 (f)	1000 W
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
WB25175E	Wideband VHF Manpack Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	1020 mm	-	-	-	250 g	N-Type (m)	10 W
WB25175M	Extended VHF Band Vehicular Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	2250 mm	-	-	-	3.3 kg	BNC (f)	100 W
WB25175XT	Wideband High-Power Manpack VHF Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	60 mm	1620 mm	-	630 g max	N-Type (m)	50 W
WB25COM	High Performance Vehicle Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	-	2250 mm	-	3.45 kg	N-Type (f)	100 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
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
LPDA-A0040	Dual-Polarised LPDA Antenna	30 - 100 MHz	5 dBi	Dual	3600 mm	-	3700 mm	3700 mm	< 45 kg	7/16 (f)	1 kW
LPDA-A0163	Wideband Foldable LPDA Antenna	30 - 100 MHz	See Data Sheet	Adjustable, vertical or horizontal	4500 mm	550 mm	3050 mm	-	< 28 kg	7/16 (f)	1000 W
LPDA-A0152	High-Power Compact LPDA	30 - 120 MHz	6 dBi Typical	Adjustable, vertical or horizontal	4100 mm	-	-	3050 mm	< 46 kg	7/16 (f)	2 kW
WB30150M1	VHF Vehicle Antenna	30 - 150 MHz	Measured Patterns on Request	Vertical	-	-	1990 mm	-	2.1 kg	-	100 W
LPDA-A0017	Wideband Log Periodic Dipole Array	30 - 400 MHz	8.5 dBi	Linear (vertical or horizontal)	6392 mm	-	-	2590 mm	57 kg	7/16 (f)	2 kW
LPDA-A0097	Wideband Wire LPDA Antenna	30 - 500 MHz	See Data Sheet	Linear (vertical or horizontal)	1875 mm	-	3550 mm	420 mm	< 11 kg	N-Type (f)	200 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
LPDA-A0100	Wideband Wire LPDA Antenna	30 - 500 MHz	See Data Sheet	Linear (vertical or horizontal)	1900 mm	-	3550 mm	420 mm	< 15 kg	7/16 (f)	1000 W
LPDA-A0154	Wideband Foldable LPDA Antenna	30 - 512 MHz	See Data Sheet	Adjustable, vertical or horizontal	4700 mm	185 mm	3050 mm	-	< 25 kg	7/16 (f)	1000 W
LPDA-A0158	Wideband Modular Foldable LPDA Antenna	30 - 512 MHz	See Data Sheet	Adjustable, vertical or horizontal	4810 mm	182 mm	5350 mm	-	< 43 kg	7/16 (f)	1000 W
LPDA-A0165	Wideband Foldable LPDA Antenna	30 - 512 MHz	7 dBi typical	Adjustable, vertical or horizontal	5010 mm	550 mm	5350 mm	-	< 28 kg	7/16 (f)	1000 W
LPDA-A0083	Wideband LPDA	30 - 1000 MHz	4 dBi	Adjustable (vertical & horizontal)	3500 mm	-	4500 mm	200 mm	25 kg	N-Type (f)	1 kW
LPDA-A0117	Wideband LPDA	30 - 1000 MHz	4 dBi	Adjustable (vertical & horizontal)	3500 mm	-	4500 mm	200 mm	25 kg	N-Type (f)	1 kW
LPDA-A0050	High-Power LPDA Antenna	30 - 2500 MHz	> 4 dBi	Adjustable (vertical & horizontal)	6150 mm	-	-	5000 mm	38 kg	7/16 (f)	1000 W
LPDA-A0111	Wideband Log Periodic Dipole Array	80 - 2000 MHz	> 8 dBi	Linear (vertical or horizontal)	2200 mm	-	-	2000 mm	8.5 kg	N-Type (f)	300 W
LPDA-A0016	Wideband LPDA Antenna	80 - 2000 MHz	6 dBi typical	Adjustable (vertical & horizontal)	2200 mm	-	-	2000 mm	< 10 kg	N-Type (f)	300 W
LPDA-A0125	Wideband Wire LPDA	80 - 3000 MHz	> 6 dBi	Adjustable (vertical & horizontal)	2650 mm	-	200 mm	2000 mm	< 18 kg	7/16 (f)	1000 W
LPDA-A0030	High-Power LPDA	100 - 500 MHz	7 dBi	Adjustable (vertical & horizontal)	1920 mm	-	-	1700 mm	7 kg	7/16 (f)	1 kW
LPDA-A0041	Dual-Polarised LPDA Antenna	100 - 500 MHz	> 6 dBi	Dual Linear	2100 mm	-	-	1600 mm	< 13 kg	7/16 (f)	500 W
LPDA-A0054	High-Power LPDA	100- 500 MHz	7 dBi	Linear (vertical or horizontal)	1700 mm	-	-	1600 mm	16 kg	7/16 (f)	1 kW
LPDA-A0094	High-Power Wire LPDA	100 - 500 MHz	6 dBi	Linear (vertical or horizontal)	2450 mm	-	200 mm	1800 mm	12 kg	7/16 (f)	1000 W
LPDA-A0102	Very High-Power LPDA	100 - 500 MHz	7 dBi	Linear (vertical or horizontal)	1920 mm	-	-	1500 mm	14 kg	1 5/8" (f)	5 kW
LPDA-A0113	High-Power LPDA	100 - 500 MHz	7 dBi	Linear (vertical or horizontal)	1820 mm	-	-	1700 mm	16 kg	7/16 (f)	2 kW
LPDA-A0139	Tactical LPDA	100 - 500 MHz	> 7 dBi	Linear (vertical or horizontal)	1779 mm	-	-	1500 mm	7 kg	N-Type (f)	200 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WBCX512RP	Wideband Manpack Antenna	100 - 512 MHz	Measured Patterns on Request	Vertical	480 mm	76 mm	-	-	230 g	N-Type (m)	20 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
LPDA-A0037	Wideband LPDA Antenna	100 - 3000 MHz	6 dBi	Adjustable (vertical & horizontal)	1960 mm	-	-	1600 mm	-	7/16 (f)	500 W
LPDA-A0108	Dual-Polarised LPDA Antenna	100 - 3000 MHz	> 6 dBi	Dual linear	2100 mm	-	1600 mm	1600 mm	< 18 kg	7/16 (f)	500 W
LPDA-A0110	Wideband LPDA Antenna	100 - 3000 MHz	6 dBi	Adjustable (vertical & horizontal)	1900 mm	-	-	1600 mm	-	7/16 (f)	500 W
WB10CCM	Wideband VHF Vehicle Antenna	110 - 200 MHz	Measured Patterns on Request	Vertical	550 mm	-	-	-	2.2 kg	N-Type (f)	250 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
WD1350XQ	Wideband VHF/UHF Dipole Manpack Antenna	118 - 512 MHz	2 dBi	Vertical	995 mm	-	-	-	740 g	N-Type (m)	75 W
WB1318	Wideband VHF Manpack Antenna	130 - 180 MHz	Measured Patterns on Request	Vertical	-	-	640 mm	-	220 g	N-Type (m)	50 W
WB13CCM	Wideband VHF Vehicle Antenna	130 - 180 MHz	Measured Patterns on Request	Vertical	-	-	475 mm	-	2.1 kg	N-Type (f)	200 W
WD1450M	Wideband Dipole VHF/UHF Vehicle Antenna	130 - 512 MHz	Measured Patterns on Request	Vertical	1110 mm	-	-	-	2.7 kg	N-Type (f)	100 W
WB1350M	Wideband VHF/UHF Vehicle Antenna	135 - 512 MHz	Measured Patterns on Request	Vertical	440 mm	-	-	-	2 kg	N-Type (f)	100 W
WB1450M	Wideband VHF/UHF Vehicle Antenna	140 - 512 MHz	Measured Patterns on Request	Vertical	380 mm	-	-	-	2 kg	N-Type (f)	100 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
WB2060M	Wideband VHF/UHF Vehicle Antenna	200 - 600 MHz	Measured Patterns on Request	Vertical	-	-	295 mm	-	1.9 kg	N-Type (f)	100 W
LPDA-A0153	Wideband LPDA Antenna	200 - 3000 MHz	6 dBi typical	Adjustable (vertical & horizontal)	1080 mm	840 mm	-	-	< 10 kg	7/16 (f)	500 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
LPDA-A0076	Foldable Wire LPDA	225 - 450 MHz	6 dBi	Linear (vertical or horizontal)	850 mm	-	800 mm	150 mm	< 2 kg	N-Type (f)	200 W
WD2245M	Wideband VHF/UHF Vehicle Antenna	225 - 450 MHz	Measured Patterns on Request	Vertical	-	-	720 mm	-	2.4 kg	N-Type (f)	100 W
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
HD2245XM	High Gain VHF/UHF Vehicle Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	1360 mm	-	-	-	2.4 kg	N-Type (f)	100 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
WD2245RQ	Lightweight VHF/UHF Dipole Manpack Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	670 mm	30 mm	-	-	340 g	N-Type (m)	60 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
LPDA-A0080	Wideband Wire LPDA	225 - 3000 MHz	6 dBi	Linear (vertical or horizontal)	1300 mm	-	800 mm	150 mm	< 2.2 kg	N-Type (f)	200 W
LPDA-A0005	Wideband Directional Antenna	250 - 3000 MHz	11 dBi	Linear (vertical or horizontal)	1703 mm	-	-	679 mm	8 kg	N-Type (f)	50 W
OMNI-A0351	High-Powered Wideband Marine Antenna	300 - 3000 MHz	See Data Sheet	Vertical	220 mm	-	400 mm	-	< 4 kg	7/16 (f)	500 W
HD4050M	High Gain Vehicle Antenna	400 - 500 MHz	4 dBi	Vertical	-	-	1030 mm	-	2.1 kg	N-Type (f)	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
HD4050Q	High Gain Manpack Antenna	400 - 600 MHz	3 dBi	Vertical	-	-	835 mm	-	410 g	N-Type (m)	75 W
LPDA-A0073	Wideband Log Periodic Dipole Array	400 - 1000 MHz	10 ± 1 dBi	Linear (vertical or horizontal)	1500 m	-	-	400 mm	5 kg	N-Type (f)	500 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
SPRL-A0020	High-Power Circular Polarised Antenna	400 - 2500 MHz	> 6 dBiC	LHCP	900 mm	510 mm	-	-	< 12 kg	N-Type (f)	200 W
LPDA-A0084	High-Power LPDA Antenna	400 - 3000 MHz	> 6.5 dBi	Adjustable (vertical & horizontal)	580 mm	-	-	460 mm	< 10 kg	N-Type (f)	250 W
LPDA-A0112	High-Power LPDA Antenna	400 - 3000 MHz	> 6.5 dBi	Adjustable (vertical & horizontal)	< 720 mm	-	470 mm	80 mm	< 10 kg	N-Type (f)	250 W
WB425M	Wideband UHF/SHF Vehicle Antenna	400 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	N-Type (f)	200 W
LPDA-A0121	High-Power LPDA Antenna	400 - 6000 MHz	8 dBi	Linear	770 mm	-	-	450 mm	3.7 kg	N-Type (f)	100 W
LPDA-A0141	High-Power LPDA Antenna	400 - 6000 MHz	8 dBi	Linear	770 mm	-	-	450 mm	3.7 kg	N-Type (f)	150 W
LPDA-A0162	Dual Port High-Power LPDA Antenna	400 - 6000 MHz	See Data Sheet	Linear	625 mm	-	710 mm	160 mm	< 5 kg	N-Type (f)	100 W CW
LPDA-A0167	Tri Port High-Power LPDA Antenna	400 - 6000 MHz	See Data Sheet	Linear	600 mm	-	880 mm	160 mm	< 6 kg	N-Type (f)	100 W CW
WD427Q	Wideband UHF Manpack Antenna	420 - 2700 MHz	2 dBi	Vertical	440 mm	28 mm	-	-	400 g	N-Type (m)	20 W
WD460Q	Wideband UHF Manpack Antenna	420 - 6000 MHz	2 dBi	Vertical	475 mm	44 mm	-	-	500 g	N-Type (m)	40 W
HELI-A0106	Dual Port Helical Spiral Antenna	430 - 450 MHz 900 - 930 MHz	> 8 dBi	RHCP	650 mm	470 mm	-	-	< 10 kg	N-Type (f)	150 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
WB525Q	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	405 mm	-	-	-	560 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
WB525G-E	Wideband UHF Manpack Antenna	480 - 6000 MHz	Measured Patterns on Request	Vertical	465 mm	-	-	-	540 g	N-Type (m)	35 W
LPDA-A0031	High-Power LPDA Antenna	500 - 1000 MHz	9 dBi	Linear (vertical or horizontal)	1385 mm	170 mm	-	292 mm	4.2 kg	7/16 (f)	1000 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
LPDA-A0042	Dual-Polarised LPDA Antenna	500 - 1000 MHz	> 6 dBi	Dual	600 mm	-	-	450 mm	< 7 kg	7/16 (f)	500 W
LPDA-A0103	Very High-Power LPDA	500 - 1000 MHz	> 10 dBi	Linear (vertical or horizontal)	1753 mm	-	-	345 mm	7 kg	EIA 1 5/8	4000 W
LPDA-A0114	High-Power LPDA Antenna	500 - 1000 MHz	> 10 dBi	Adjustable (vertical & horizontal)	1650 mm	250 mm	-	320 mm	4.6 kg	7/16 (f)	2000 W
WB922M	Compact Low-Profile Vehicle Antenna	500 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	-	200 W
LPDA-A0038	Wideband LPDA Antenna	500 - 3000 MHz	10 dBi	Adjustable (vertical & horizontal)	1802 mm	-	-	311 mm	7 kg	7/16 (f)	500 W
LPDA-A0078	High-Power LPDA Antenna	500 - 3000 MHz	> 7 dBi	Adjustable (vertical & horizontal)	< 720 mm	-	470 mm	80 mm	< 10 kg	7/16 (f)	1000 W
MONO-A0094	High-Power Wideband Marine Monocone	500 - 6000 MHz	See Data Sheet	Vertical	150 mm	-	140 mm	-	< 2 kg	N-Type (f)	450 W (500 MHz - 1 GHz) 250 W (1 - 3 GHz) 200 W (3 - 6 GHz)
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)
OMNI-A0265-01	Manpack Wideband High-Power Antenna	500 - 6000 MHz	0 dBi	Vertical	535 mm	83 mm	-	-	< 1 kg	7/16 (m)	See Data Sheet
OMNI-A0265-02	Mast Mount High-Power Antenna	500 - 6000 MHz	0 dBi	Vertical	535 mm	83 mm	-	-	< 1 kg	N-Type (m)	See Data Sheet
OMNI-A0266	Vehicle-Mount Wideband High-Power Antenna	500 - 6000 MHz	0 dBi	Vertical	550 mm	80 mm	-	-	< 1 kg	N-Type (f)	150 W
OMNI-A0347	Vehicle Mount Dual Wideband High-Power Antenna	500 - 6000 MHz	0 dBi typical	Vertical	1000 mm	-	135 mm	-	< 5 kg	N-Type (f)	80 W (4 - 6 GHz) 100 W (2 - 4 GHz) 150 W (500 MHz - 2 GHz)
WD560P	Wideband UHF/SHF Portable Antenna	500 - 6000 MHz	2 dBi	Vertical	380 mm	80 mm	-	-	900 g	7/16 (f)	200 W (500 - 1000 MHz) 120 W (1000 - 2700 MHz) 100 W (2700 - 4000 MHz) 80 W (4000 - 6000 MHz)

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connector	Power
HD827XM	High Gain GSM/3G/LTE Vehicle Antenna	790 - 2700 MHz	3 dBi	Vertical	-	-	600 mm	-	2 kg	N-Type (f)	80 to 175 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)
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)
HD827XQ	High Gain GSM/3G/LTE Manpack Antenna	790 - 2700 MHz	3 dBi	Vertical	565 mm	-	-	-	620 g	N-Type (m)	175 W (790 - 1000 MHz) 135 W (1000 - 2200 MHz) 100 W (2200 - 2400 MHz) 80 W (2400 - 2700 MHz)
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)
LPDA-A0075	Wideband Directional Antenna	800 - 2500 MHz	7 dBi	Linear (vertical or horizontal)	380 mm	90 mm	-	320 mm	800 g	SMA (f)	10 W
WB922G	Wideband UHF Manpack Antenna	800 - 2500 MHz	Measured Patterns on Request	Vertical	400 mm	-	-	-	350 g	N-Type (m)	50 W
WB922G-GE	Wideband UHF Manpack Antenna	800 - 2500 MHz	Measured Patterns on Request	Vertical	500 mm	-	-	-	470 g	N-Type (m)	50 W
WB922Q	Wideband Manpack Antenna	800 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	340 mm	-	370 g	N-Type (m)	50 W
LPDA-A0052	High-Power LPDA Antenna	800 - 3000 MHz	12 dBi	Vertical	< 720 mm	-	470 mm	80 mm	4.5 kg	7/16 (f)	500 W
LPDA-A0067	High-Power LPDA Antenna	800 - 3000 MHz	12 dBi	Vertical	< 720 mm	-	470 mm	80 mm	4.5 kg	N-Type (f)	200 W
LPDA-A0105	High-Power LPDA Antenna Marine Version	800 - 3000 MHz	12 dBi	Vertical	< 720 mm	-	470 mm	80 mm	4.5 kg	7/16 (f)	500 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connect- or	Power
LPDA-A0123	Wideband LPDA Antenna	800 - 6000 MHz	> 10 dBi	Linear (vertical or horizontal)	1000 mm	203 mm	-	-	6 kg	7/16 (f)	300 W
LPDA-A0081	Ultra-Wideband Log Periodic Antenna	800 - 8000 MHz	7 dBi	Linear (vertical or horizontal)	380 mm	-	90 mm	320 mm	< 1 kg	N-Type (f)	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)
WB860M	Wideband UHF/SHF Vehicle Antenna	870 - 6000 MHz	Measured Patterns on Request	Vertical	110 mm	-	-	-	400 g	N-Type (f)	100 W
SPRL-A0010	Dual Port Circular Polarised Antenna	900 - 6000 MHz	> 6 dBic	RHCP/LHCP	-	220 mm	450 mm	-	< 2 kg	N-Type (f)	100 W
LPDA-A0032	Wideband LPDA Antenna	1000 - 3000 MHz	9 dBi	Linear (vertical or horizontal)	700 mm	170 mm	-	-	4 kg	7/16 (f)	300 W
LPDA-A0104	High-Power Wideband LPDA	1000 - 3000 MHz	9 dBi	Linear (vertical or horizontal)	700 mm	170 mm	-	-	4 kg	EIA 1 5/8"	1000 W
LPDA-A0043	Dual-Polarised LPDA Antenna	1000 - 3400 MHz	> 6 dBi	Dual	250 mm	-	-	350 mm	< 3 kg	7/16 (f)	125 W
SPRL-A0008	High Power Circular Polarised Antenna	1000 - 6000 MHz	> 6 dBi	LHCP	320 mm	150 mm	-	-	< 4 kg	N-Type (f)	50 W
HELI-A0104	Dual Port Helical Antenna	1160 - 1260 MHz	> 12 dBi	RHCP	1200 mm	100 mm	1200 mm	-	< 10 kg	N-Type (f)	100 W CW
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)	-
WB26-QE	Wideband UHF/SHF Manpack Antenna	1800 - 6000 MHz	Measured Patterns on Request	Vertical	540 mm	-	-	-	620 g	N-Type (m)	20 W (1800 - 2000 MHz) 50 W (2000 - 6000 MHz)
LPDA-A0074	Wideband Directional Antenna	2000 - 6000 MHz	8.5 dBi	Linear (vertical or horizontal)	380 mm	90 mm	-	320 mm	800 g	SMA (f)	20 W

Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connect- or	Power
LPDA-A0160	High-Power LPDA Antenna	2000 - 6000 MHz	> 9 dBi	Linear	105 mm	-	-	341 mm	TBD	N-Type (f)	See Data Sheet
SPRL-A0021	High Power Circular Polarised Antenna	2000 - 6000 MHz	10 dBic	RHCP	< 550 mm	100 mm	-	-	< 2 kg	N-Type (f)	100 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
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
HELI-A0105	Dual Port Helical Antenna	2400 - 2500 MHz 5725 - 5875 MHz	> 12 dBi	RHCP	362 mm	123 mm	-	-	< 1 kg	N-Type (f)	100 W CW
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 Antennas	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)
SBA4450XB	High Power SBA	4400 - 5000 MHz	15 dBi	Vertical	-	270 mm	390 mm	-	4.1 kg	N-Type (f)	100 W

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