



# HIGH POWER TRANSMIT ANTENNAS

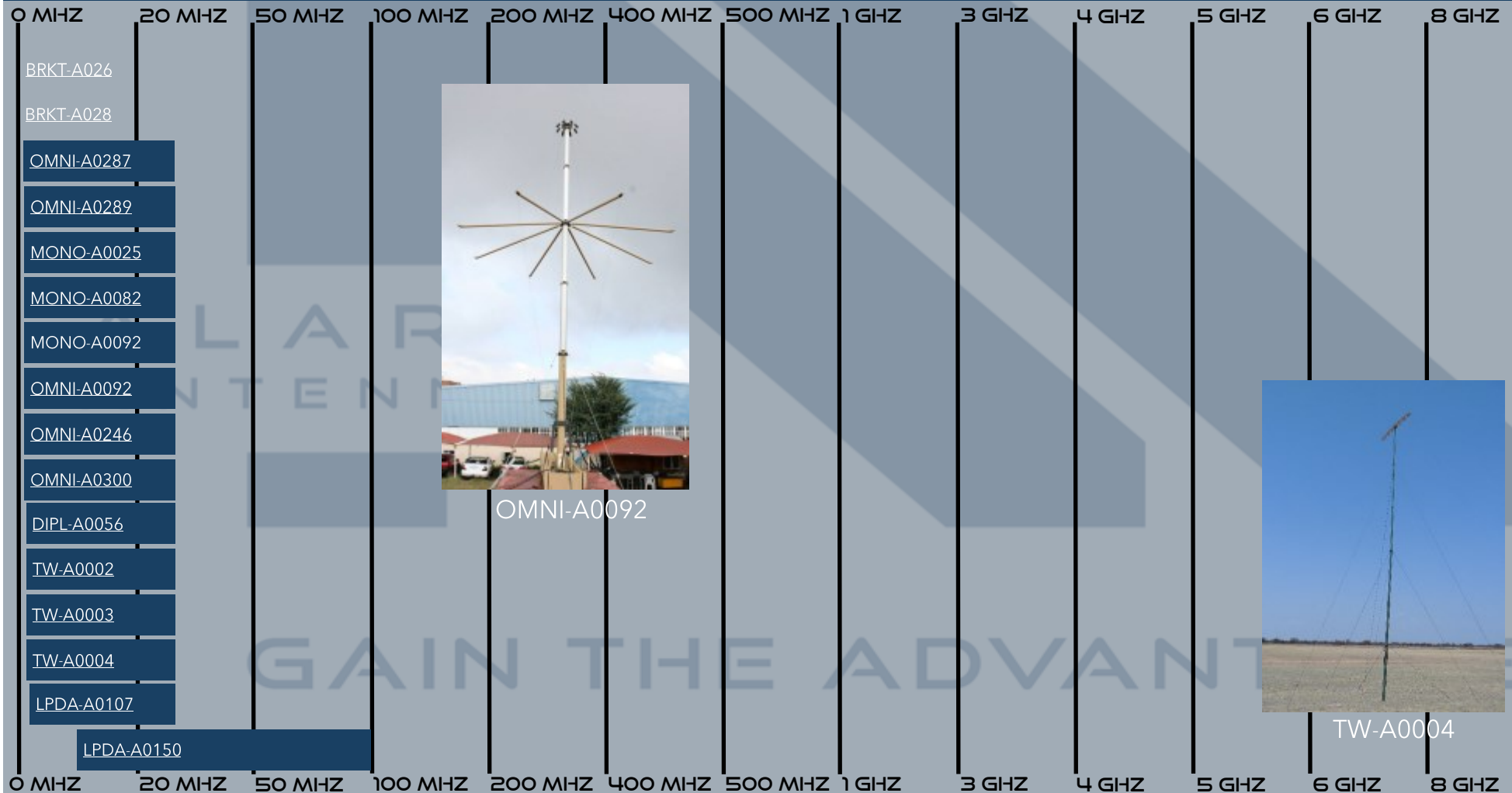


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# HIGH POWER TRANSMIT ANTENNAS

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

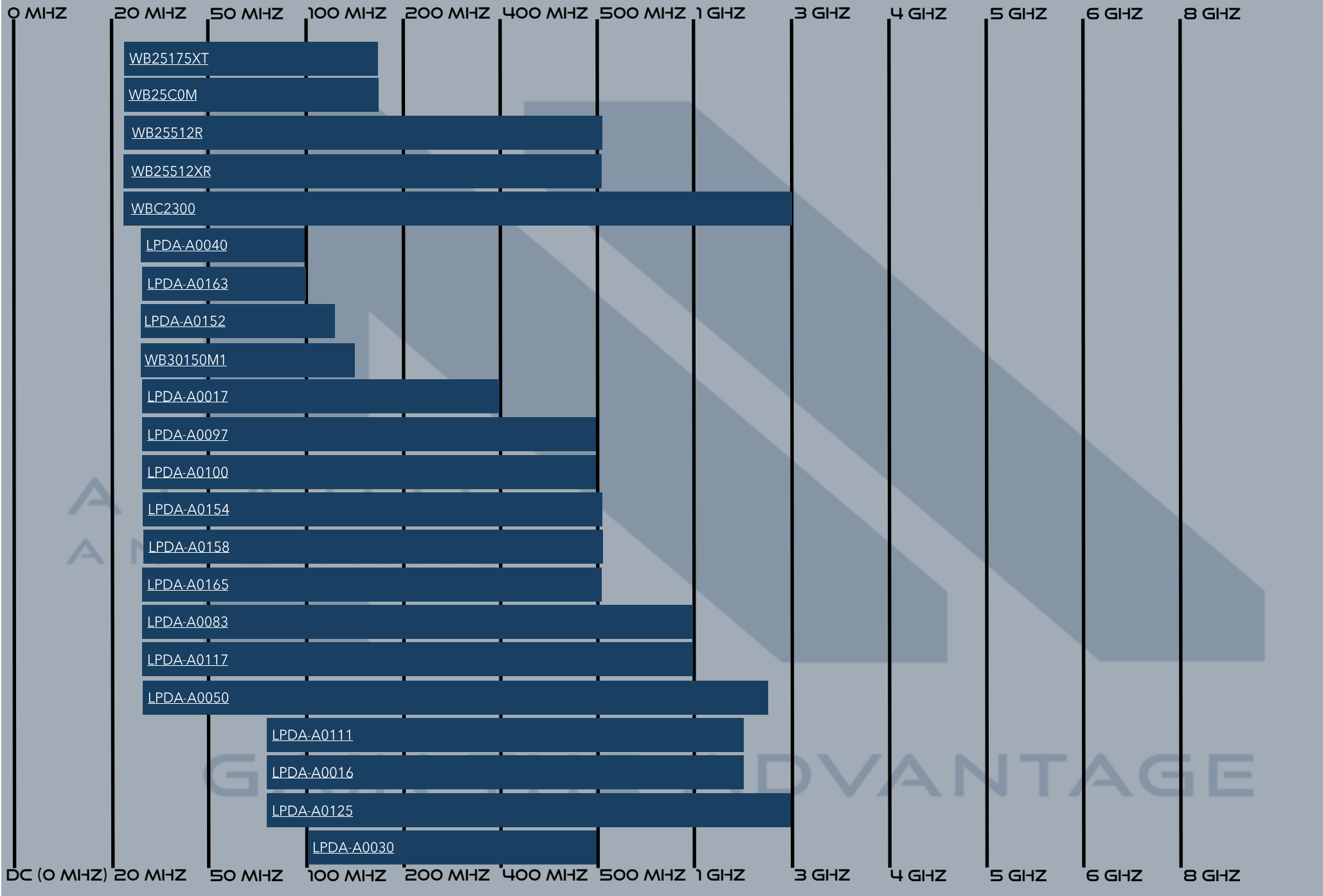


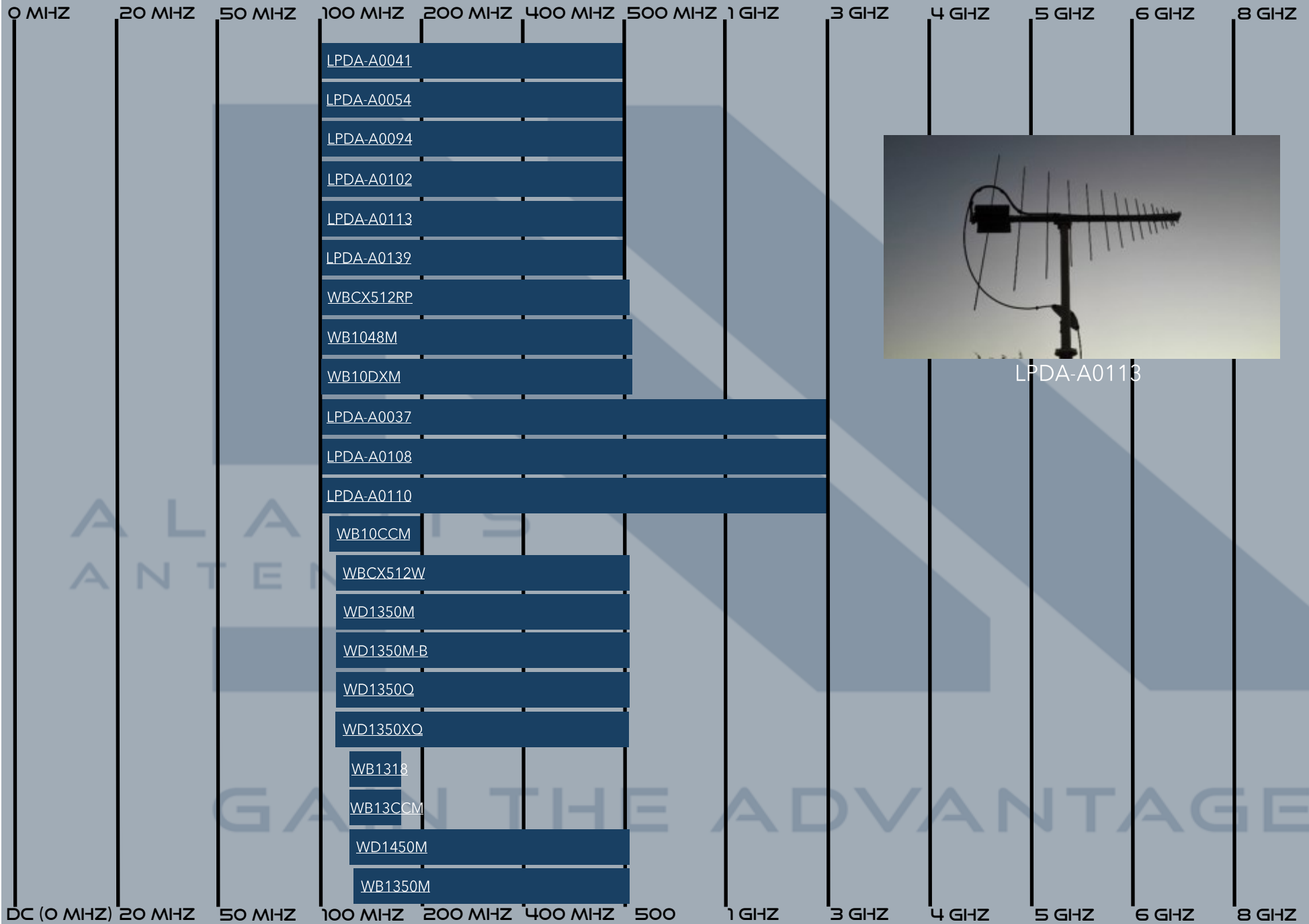
LPDA-A0036



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







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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

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LPDA-A0121

LPDA-A0141

LPDA-A0162

LPDA-A0167

WD427Q

WD460Q

HELI-A0106

HELI-A0103

WD525G

WB525Q

WD528Q

WB525G-E

LPDA-A0031

LPDA-A0042

LPDA-A0103

LPDA-A0114

WB922M

LPDA-A0038

LPDA-A0078

MONO-A0094

WD525M

WB525W

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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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



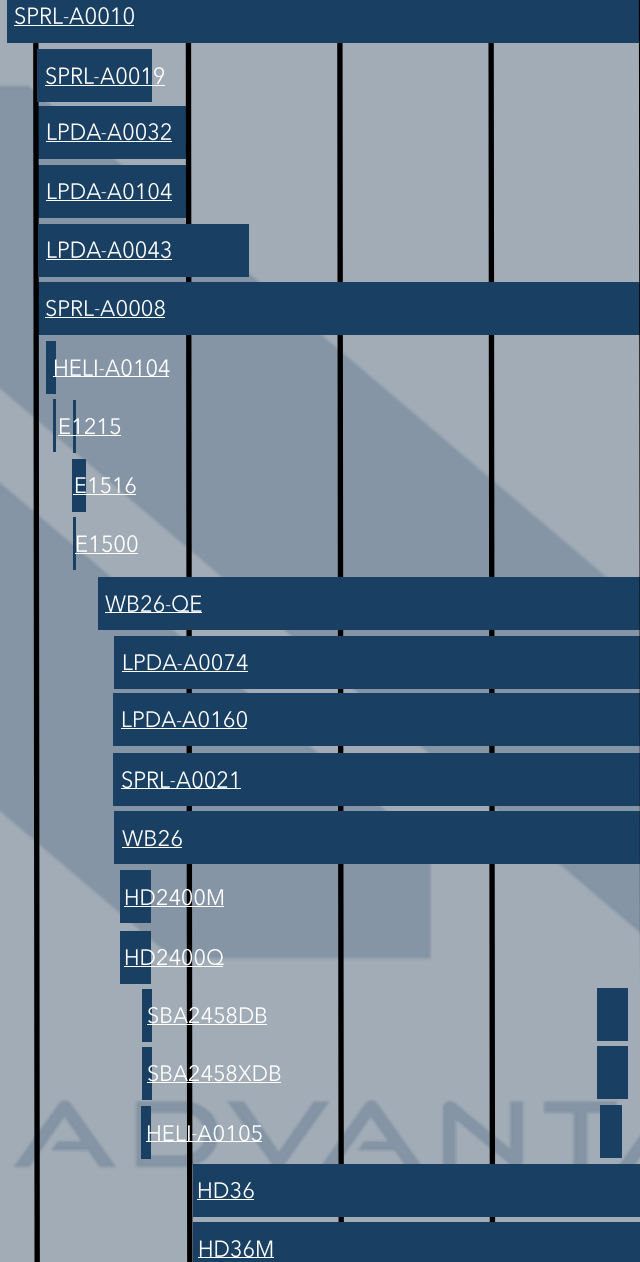
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LPDA-A0104



SPRL-A0010



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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
<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="#">OMNI-A0287</a>	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
<a href="#">OMNI-A0289</a>	High-Power HF Omni-Directional Antenna	1 - 30 MHz	-	Vertical	5000 mm	-	14000 mm	-	700 kg	7/8"	10 kW CW
<a href="#">MONO-A0025</a>	Wideband HF Monopole	1 - 30 MHz	-	-	6000 mm	330 mm	-	-	< 29.2 kg	N-Type (f)	1000 W
<a href="#">MONO-A0082</a>	Wideband HF Monopole	1 - 30 MHz	-	-	6000 mm	330 mm	-	-	< 29.2 kg	N-Type (f)	2.5 kW
<a href="#">MONO-A0092</a>	Tunable Wideband HF Monopole	1 - 30 MHz	0 dBi	-	6000 mm	330 mm	-	-	< 35 kg	N-Type (f)	1000 W
<a href="#">OMNI-A0092</a>	Wideband HF High-Power Antenna System	1 - 30 MHz	-	Linear	8000 mm	5000 mm	-	-	350 kg	N-Type (f)	1 kW
<a href="#">OMNI-A0246</a>	Wideband HF High-Power Antenna System	1 - 30 MHz	-	Vertical	1450 mm	< 5000 mm	-	-	< 700 kg	EIA 1 5/8"	7.5 kW
<a href="#">OMNI-A0300</a>	Wideband HF High-Power Antenna System	1 - 30 MHz	-	Linear	8000 mm	5000 mm	-	-	350 kg	N-Type (f)	2.5 kW
<a href="#">DIPL-A0056</a>	HF Inverted V Dipole Antenna	1.5 - 30 MHz	-	Linear	90000 mm	-	10000 mm	10000 mm	17 kg	N-Type (f)	1000 W
<a href="#">TW-A0002</a>	Man-Portable HF Directional Antenna	1.5 - 30 MHz	See Data Sheet	Vertical	100000 mm	-	10000 mm	2000 mm	< 15 kg	-	1 kW
<a href="#">TW-A0003</a>	Man-Portable HF Directional Antenna	1.5 - 30 MHz	See Data Sheet	Vertical	100000 mm	-	10000 mm	2000 mm	< 15 kg	-	10 kW
<a href="#">TW-A0004</a>	Man-Portable HF Directional Antenna	1.5 - 30 MHz	See Data Sheet	Vertical	100000 mm	-	10000 mm	2000 mm	< 15 kg	-	2.5 kW
<a href="#">LPDA-A0107</a>	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
<a href="#">LPDA-A0150</a>	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
<a href="#">DIPL-A0047</a>	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
<a href="#">LPDA-A0029</a>	High-Power LPDA	20 - 100 MHz	6 dBi	Adjustable, Vertical & horizontal	6320 mm	-	-	5700 mm	38 kg	7/16 (f)	2 kW
<a href="#">LPDA-A0098</a>	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
<a href="#">LPDA-A0101</a>	Very High-Power LPDA	20 - 100 MHz	6 dBi	Adjustable, vertical & horizontal	7036 mm	-	-	8708 mm	53 kg	1 5/8" (f)	5 kW
<a href="#">OMNI-A0280</a>	Wideband Omni-Directional Antenna	20 - 100 MHz	> -6 dBi	Vertical	-	1790 mm	2454 mm	-	18 kg	7/16 (f)	3 kW
<a href="#">WB2CC</a>	Wideband Manpack VHF Antenna	20 - 108 MHz	Measured Patterns on Request	Vertical	-	36 mm	2000 mm	-	350 g	N-Type (m)	20 W
<a href="#">WB20140M</a>	Wideband VHF Vehicle Antenna	20 - 140 MHz	Measured Patterns on Request	Vertical	1980 mm	-	-	-	2.2 kg	N-Type (f)	100 W
<a href="#">WB20CM</a>	Low-profile Wideband Antenna	20 - 140 MHz	Measured Patterns on Request	Vertical	1630 mm	-	-	-	2.2 kg	N-Type (f)	100 W
<a href="#">WB20200M</a>	High-Performance Vehicle Antenna	20 - 200 MHz	Measured Patterns on Request	Vertical	-	-	2270 mm	-	2.8 kg	N-Type (f)	100 W
<a href="#">WB20220A</a>	Short & Lightweight Manpack Antenna	20 - 220 MHz	Measured Patterns on Request	Vertical	-	36 mm	1000 mm	-	335 g	N-Type (m)	20 W
<a href="#">LPDA-A0070</a>	Dual-Polarised LPDA Antenna	20 - 500 MHz	5.5 dBi	Dual (vertical & horizontal)	6700 mm	-	-	5700 mm	46 kg	N-Type (f)	100 W
<a href="#">OMNI-A0046-01</a>	Wideband Omni-Directional Antenna	20 - 500 MHz	See Data Sheet	Vertical	-	2450 mm	2307 mm	-	18 kg	7/16 (f)	1.2 kW
<a href="#">WBC2600M</a>	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)
<a href="#">WB30512M</a>	High-Performance Vehicle Antenna	20 - 520 MHz	Measured Patterns on Request	Vertical	1930 mm	-	-	-	3.3 kg	N-Type (f)	100 W
<a href="#">WB30512XM</a>	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
<a href="#">LPDA-A0077</a>	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
<a href="#">DIPL-A0045</a>	Wideband Omni-Directional High-Power Antenna	20 - 1000 MHz	See Data Sheet	Vertical	-	-	6000 mm	2000 mm	36 kg	7/16 (f)	500 W
<a href="#">LPDA-A0033</a>	Wideband LPDA Antenna	20 - 3000 MHz	6 dBi	Linear (vertical or horizontal)	6200 mm	-	-	5700 mm	32 kg	7/16 (f)	1000 W
<a href="#">LPDA-A0036</a>	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
<a href="#">WBC256</a>	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
<a href="#">WB25175E</a>	Wideband VHF Manpack Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	1020 mm	-	-	-	250 g	N-Type (m)	10 W
<a href="#">WB25175M</a>	Extended VHF Band Vehicular Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	2250 mm	-	-	-	3.3 kg	BNC (f)	100 W
<a href="#">WB25175XT</a>	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
<a href="#">WB25COM</a>	High Performance Vehicle Antenna	25 - 175 MHz	Measured Patterns on Request	Vertical	-	-	2250 mm	-	3.45 kg	N-Type (f)	100 W
<a href="#">WB25512R</a>	High Performance Manpack Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	36 mm	1500 mm	-	490 g	N-Type (m)	30 W
<a href="#">WB25512XR</a>	High-Power Manpack Antenna	25 - 512 MHz	Measured Patterns on Request	Vertical	-	60 mm	1510 mm	-	660 g	N-Type (m)	50 W
<a href="#">WBC2300</a>	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
<a href="#">LPDA-A0040</a>	Dual-Polarised LPDA Antenna	30 - 100 MHz	5 dBi	Dual	3600 mm	-	3700 mm	3700 mm	< 45 kg	7/16 (f)	1 kW
<a href="#">LPDA-A0163</a>	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
<a href="#">LPDA-A0152</a>	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
<a href="#">WB30150M1</a>	VHF Vehicle Antenna	30 - 150 MHz	Measured Patterns on Request	Vertical	-	-	1990 mm	-	2.1 kg	-	100 W
<a href="#">LPDA-A0017</a>	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
<a href="#">LPDA-A0097</a>	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
<a href="#">LPDA-A0100</a>	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
<a href="#">LPDA-A0154</a>	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
<a href="#">LPDA-A0158</a>	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
<a href="#">LPDA-A0165</a>	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
<a href="#">LPDA-A0083</a>	Wideband LPDA	30 - 1000 MHz	4 dBi	Adjustable (vertical & horizontal)	3500 mm	-	4500 mm	200 mm	25 kg	N-Type (f)	1 kW
<a href="#">LPDA-A0117</a>	Wideband LPDA	30 - 1000 MHz	4 dBi	Adjustable (vertical & horizontal)	3500 mm	-	4500 mm	200 mm	25 kg	N-Type (f)	1 kW
<a href="#">LPDA-A0050</a>	High-Power LPDA Antenna	30 - 2500 MHz	> 4 dBi	Adjustable (vertical & horizontal)	6150 mm	-	-	5000 mm	38 kg	7/16 (f)	1000 W
<a href="#">LPDA-A0111</a>	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
<a href="#">LPDA-A0016</a>	Wideband LPDA Antenna	80 - 2000 MHz	6 dBi typical	Adjustable (vertical & horizontal)	2200 mm	-	-	2000 mm	< 10 kg	N-Type (f)	300 W
<a href="#">LPDA-A0125</a>	Wideband Wire LPDA	80 - 3000 MHz	> 6 dBi	Adjustable (vertical & horizontal)	2650 mm	-	200 mm	2000 mm	< 18 kg	7/16 (f)	1000 W
<a href="#">LPDA-A0030</a>	High-Power LPDA	100 - 500 MHz	7 dBi	Adjustable (vertical & horizontal)	1920 mm	-	-	1700 mm	7 kg	7/16 (f)	1 kW
<a href="#">LPDA-A0041</a>	Dual-Polarised LPDA Antenna	100 - 500 MHz	> 6 dBi	Dual Linear	2100 mm	-	-	1600 mm	< 13 kg	7/16 (f)	500 W
<a href="#">LPDA-A0054</a>	High-Power LPDA	100- 500 MHz	7 dBi	Linear (vertical or horizontal)	1700 mm	-	-	1600 mm	16 kg	7/16 (f)	1 kW
<a href="#">LPDA-A0094</a>	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
<a href="#">LPDA-A0102</a>	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
<a href="#">LPDA-A0113</a>	High-Power LPDA	100 - 500 MHz	7 dBi	Linear (vertical or horizontal)	1820 mm	-	-	1700 mm	16 kg	7/16 (f)	2 kW
<a href="#">LPDA-A0139</a>	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
<a href="#">WBCX512RP</a>	Wideband Manpack Antenna	100 - 512 MHz	Measured Patterns on Request	Vertical	480 mm	76 mm	-	-	230 g	N-Type (m)	20 W
<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-A0037</a>	Wideband LPDA Antenna	100 - 3000 MHz	6 dBi	Adjustable (vertical & horizontal)	1960 mm	-	-	1600 mm	-	7/16 (f)	500 W
<a href="#">LPDA-A0108</a>	Dual-Polarised LPDA Antenna	100 - 3000 MHz	> 6 dBi	Dual linear	2100 mm	-	1600 mm	1600 mm	< 18 kg	7/16 (f)	500 W
<a href="#">LPDA-A0110</a>	Wideband LPDA Antenna	100 - 3000 MHz	6 dBi	Adjustable (vertical & horizontal)	1900 mm	-	-	1600 mm	-	7/16 (f)	500 W
<a href="#">WB10CCM</a>	Wideband VHF Vehicle Antenna	110 - 200 MHz	Measured Patterns on Request	Vertical	550 mm	-	-	-	2.2 kg	N-Type (f)	250 W
<a href="#">WBCX512W</a>	Magnetic Mount Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	88 mm	430 mm	-	900 g	N-Type (f)	50 W
<a href="#">WD1350M</a>	Centre-Fed Dipole Vehicle Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1240 mm	-	3 kg	N-Type (f)	100 W
<a href="#">WD1350M-B</a>	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
<a href="#">WD1350Q</a>	Wideband VHF/UHF Dipole Manpack Antenna	118 - 512 MHz	Measured Patterns on Request	Vertical	-	-	940 mm	-	550 g	N-Type (m)	50 W
<a href="#">WD1350XQ</a>	Wideband VHF/UHF Dipole Manpack Antenna	118 - 512 MHz	2 dBi	Vertical	995 mm	-	-	-	740 g	N-Type (m)	75 W
<a href="#">WB1318</a>	Wideband VHF Manpack Antenna	130 - 180 MHz	Measured Patterns on Request	Vertical	-	-	640 mm	-	220 g	N-Type (m)	50 W
<a href="#">WB13CCM</a>	Wideband VHF Vehicle Antenna	130 - 180 MHz	Measured Patterns on Request	Vertical	-	-	475 mm	-	2.1 kg	N-Type (f)	200 W
<a href="#">WD1450M</a>	Wideband Dipole VHF/UHF Vehicle Antenna	130 - 512 MHz	Measured Patterns on Request	Vertical	1110 mm	-	-	-	2.7 kg	N-Type (f)	100 W
<a href="#">WB1350M</a>	Wideband VHF/UHF Vehicle Antenna	135 - 512 MHz	Measured Patterns on Request	Vertical	440 mm	-	-	-	2 kg	N-Type (f)	100 W
<a href="#">WB1450M</a>	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
<a href="#">WB2060M</a>	Wideband VHF/UHF Vehicle Antenna	200 - 600 MHz	Measured Patterns on Request	Vertical	-	-	295 mm	-	1.9 kg	N-Type (f)	100 W
<a href="#">LPDA-A0153</a>	Wideband LPDA Antenna	200 - 3000 MHz	6 dBi typical	Adjustable (vertical & horizontal)	1080 mm	840 mm	-	-	< 10 kg	7/16 (f)	500 W
<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="#">LPDA-A0076</a>	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
<a href="#">WD2245M</a>	Wideband VHF/UHF Vehicle Antenna	225 - 450 MHz	Measured Patterns on Request	Vertical	-	-	720 mm	-	2.4 kg	N-Type (f)	100 W
<a href="#">HD2245M</a>	High Gain VHF/UHF Vehicle Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	1360 mm	-	2.4 kg	N-Type (f)	75 W
<a href="#">HD2245XM</a>	High Gain VHF/UHF Vehicle Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	1360 mm	-	-	-	2.4 kg	N-Type (f)	100 W
<a href="#">WD2245Q</a>	Wideband VHF/UHF Dipole Manpack Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	660 mm	-	490 g	N-Type (m)	60 W
<a href="#">WD2245RQ</a>	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
<a href="#">WD2250M</a>	Wideband VHF/UHF Vehicle Antenna	225 - 512 MHz	Measured Patterns on Request	Vertical	-	-	740 mm	-	1.8 kg	N-Type (f)	100 W
<a href="#">LPDA-A0080</a>	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
<a href="#">LPDA-A0005</a>	Wideband Directional Antenna	250 - 3000 MHz	11 dBi	Linear (vertical or horizontal)	1703 mm	-	-	679 mm	8 kg	N-Type (f)	50 W
<a href="#">OMNI-A0351</a>	High-Powered Wideband Marine Antenna	300 - 3000 MHz	See Data Sheet	Vertical	220 mm	-	400 mm	-	< 4 kg	7/16 (f)	500 W
<a href="#">HD4050M</a>	High Gain Vehicle Antenna	400 - 500 MHz	4 dBi	Vertical	-	-	1030 mm	-	2.1 kg	N-Type (f)	100 W
<a href="#">WD4050M</a>	Wideband UHF Vehicle Antenna	400 - 500 MHz	Measured Patterns on Request	Vertical	-	-	510 mm	-	1.7 kg	N-Type (f)	200 W
<a href="#">HD4050Q</a>	High Gain Manpack Antenna	400 - 600 MHz	3 dBi	Vertical	-	-	835 mm	-	410 g	N-Type (m)	75 W
<a href="#">LPDA-A0073</a>	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
<a href="#">SPRL-A0020</a>	High-Power Circular Polarised Antenna	400 - 2500 MHz	> 6 dBic	LHCP	900 mm	510 mm	-	-	< 12 kg	N-Type (f)	200 W
<a href="#">LPDA-A0084</a>	High-Power LPDA Antenna	400 - 3000 MHz	> 6.5 dBi	Adjustable (vertical & horizontal)	580 mm	-	-	460 mm	< 10 kg	N-Type (f)	250 W
<a href="#">LPDA-A0112</a>	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
<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="#">LPDA-A0121</a>	High-Power LPDA Antenna	400 - 6000 MHz	8 dBi	Linear	770 mm	-	-	450 mm	3.7 kg	N-Type (f)	100 W
<a href="#">LPDA-A0141</a>	High-Power LPDA Antenna	400 - 6000 MHz	8 dBi	Linear	770 mm	-	-	450 mm	3.7 kg	N-Type (f)	150 W
<a href="#">LPDA-A0162</a>	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
<a href="#">LPDA-A0167</a>	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
<a href="#">WD427Q</a>	Wideband UHF Manpack Antenna	420 - 2700 MHz	2 dBi	Vertical	440 mm	28 mm	-	-	400 g	N-Type (m)	20 W
<a href="#">WD460Q</a>	Wideband UHF Manpack Antenna	420 - 6000 MHz	2 dBi	Vertical	475 mm	44 mm	-	-	500 g	N-Type (m)	40 W
<a href="#">HELI-A0106</a>	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
<a href="#">HELI-A0103</a>	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
<a href="#">WB525G</a>	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	-	-	465 mm	-	500 g	N-Type (m)	40 W
<a href="#">WB525Q</a>	Wideband UHF Manpack Antenna	480 - 2800 MHz	Measured Patterns on Request	Vertical	405 mm	-	-	-	560 g	N-Type (m)	40 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="#">WB525G-E</a>	Wideband UHF Manpack Antenna	480 - 6000 MHz	Measured Patterns on Request	Vertical	465 mm	-	-	-	540 g	N-Type (m)	35 W
<a href="#">LPDA-A0031</a>	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
<a href="#">LPDA-A0042</a>	Dual-Polarised LPDA Antenna	500 - 1000 MHz	> 6 dBi	Dual	600 mm	-	-	450 mm	< 7 kg	7/16 (f)	500 W
<a href="#">LPDA-A0103</a>	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
<a href="#">LPDA-A0114</a>	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
<a href="#">WB922M</a>	Compact Low-Profile Vehicle Antenna	500 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	130 mm	-	1 kg	-	200 W
<a href="#">LPDA-A0038</a>	Wideband LPDA Antenna	500 - 3000 MHz	10 dBi	Adjustable (vertical & horizontal)	1802 mm	-	-	311 mm	7 kg	7/16 (f)	500 W
<a href="#">LPDA-A0078</a>	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
<a href="#">MONO-A0094</a>	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)
<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="#">OMNI-A0265-01</a>	Manpack Wideband High-Power Antenna	500 - 6000 MHz	0 dBi	Vertical	535 mm	83 mm	-	-	< 1 kg	7/16 (m)	See Data Sheet
<a href="#">OMNI-A0265-02</a>	Mast Mount High-Power Antenna	500 - 6000 MHz	0 dBi	Vertical	535 mm	83 mm	-	-	< 1 kg	N-Type (m)	See Data Sheet
<a href="#">OMNI-A0266</a>	Vehicle-Mount Wideband High-Power Antenna	500 - 6000 MHz	0 dBi	Vertical	550 mm	80 mm	-	-	< 1 kg	N-Type (f)	150 W
<a href="#">OMNI-A0347</a>	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)
<a href="#">WD560P</a>	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
<a href="#">HD827XM</a>	High Gain GSM/3G/LTE Vehicle Antenna	790 - 2700 MHz	3 dBi	Vertical	-	-	600 mm	-	2 kg	N-Type (f)	80 to 175 W
<a href="#">HD827M</a>	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)
<a href="#">HD827Q</a>	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)
<a href="#">HD827XQ</a>	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)
<a href="#">HD820Q</a>	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)
<a href="#">HD921M</a>	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)
<a href="#">LPDA-A0075</a>	Wideband Directional Antenna	800 - 2500 MHz	7 dBi	Linear (vertical or horizontal)	380 mm	90 mm	-	320 mm	800 g	SMA (f)	10 W
<a href="#">WB922G</a>	Wideband UHF Manpack Antenna	800 - 2500 MHz	Measured Patterns on Request	Vertical	400 mm	-	-	-	350 g	N-Type (m)	50 W
<a href="#">WB922G-GE</a>	Wideband UHF Manpack Antenna	800 - 2500 MHz	Measured Patterns on Request	Vertical	500 mm	-	-	-	470 g	N-Type (m)	50 W
<a href="#">WB922Q</a>	Wideband Manpack Antenna	800 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	340 mm	-	370 g	N-Type (m)	50 W
<a href="#">LPDA-A0052</a>	High-Power LPDA Antenna	800 - 3000 MHz	12 dBi	Vertical	< 720 mm	-	470 mm	80 mm	4.5 kg	7/16 (f)	500 W
<a href="#">LPDA-A0067</a>	High-Power LPDA Antenna	800 - 3000 MHz	12 dBi	Vertical	< 720 mm	-	470 mm	80 mm	4.5 kg	N-Type (f)	200 W
<a href="#">LPDA-A0105</a>	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	Connector	Power
<a href="#">LPDA-A0123</a>	Wideband LPDA Antenna	800 - 6000 MHz	> 10 dBi	Linear (vertical or horizontal)	1000 mm	203 mm	-	-	6 kg	7/16 (f)	300 W
<a href="#">LPDA-A0081</a>	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
<a href="#">HD921Q</a>	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)
<a href="#">WB860M</a>	Wideband UHF/SHF Vehicle Antenna	870 - 6000 MHz	Measured Patterns on Request	Vertical	110 mm	-	-	-	400 g	N-Type (f)	100 W
<a href="#">SPRL-A0010</a>	Dual Port Circular Polarised Antenna	900 - 6000 MHz	> 6 dBic	RHCP/LHCP	-	220 mm	450 mm	-	< 2 kg	N-Type (f)	100 W
<a href="#">SPRL-A0019</a>	High Power Circular Polarised Antenna	1000 - 2500 MHz	> 6 dBic typical	RHCP/LHCP	-	220 mm	300 mm	-	< 2 kg	N-Type (f)	100 W CW
<a href="#">LPDA-A0032</a>	Wideband LPDA Antenna	1000 - 3000 MHz	9 dBi	Linear (vertical or horizontal)	700 mm	170 mm	-	-	4 kg	7/16 (f)	300 W
<a href="#">LPDA-A0104</a>	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
<a href="#">LPDA-A0043</a>	Dual-Polarised LPDA Antenna	1000 - 3400 MHz	> 6 dBi	Dual	250 mm	-	-	350 mm	< 3 kg	7/16 (f)	125 W
<a href="#">SPRL-A0008</a>	High Power Circular Polarised Antenna	1000 - 6000 MHz	> 6 dBi	LHCP	320 mm	150 mm	-	-	< 4 kg	N-Type (f)	50 W
<a href="#">HELI-A0104</a>	Dual Port Helical Antenna	1160 - 1260 MHz	> 12 dBi	RHCP	1200 mm	100 mm	1200 mm	-	< 10 kg	N-Type (f)	100 W CW
<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="#">WB26-QE</a>	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)



Antenna	Product Description	Frequency	Gain	Polarisation	L (mm)	D (mm)	H (mm)	W (mm)	Mass	Connect- or	Power
<a href="#">LPDA-A0074</a>	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
<a href="#">LPDA-A0160</a>	High-Power LPDA Antenna	2000 - 6000 MHz	> 9 dBi	Linear	105 mm	-	-	341 mm	TBD	N-Type (f)	See Data Sheet
<a href="#">SPRL-A0021</a>	High Power Circular Polarised Antenna	2000 - 6000 MHz	10 dBic	RHCP	< 550 mm	100 mm	-	-	< 2 kg	N-Type (f)	100 W
<a href="#">WB26</a>	Wideband UHF/SHF Manpack Antenna	2000 - 6000 MHz	Measured Patterns on Request	Vertical	-	-	180 mm	-	250 g	N-Type (m)	50 W
<a href="#">HD2400M</a>	High Gain Vehicle Antenna	2100 - 2500 MHz	Measured Patterns on Request	Vertical	-	-	620 mm	-	2 kg	N-Type (f)	50 W
<a href="#">HD2400Q</a>	High Gain Manpack Antenna	2100 - 2500 MHz	3 - 8 dBi	Vertical	-	-	545 mm	-	460 g	N-Type (m)	20 W
<a href="#">SBA2458DB</a>	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
<a href="#">SBA2458XDB</a>	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
<a href="#">HELI-A0105</a>	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
<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)
<a href="#">HD36M</a>	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)
<a href="#">SBA4450XB</a>	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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